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PETROLEUM INDUSTRY IN ILLINOIS, 1973

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Part I. Oil and Gas Developments

Jacob Van Den Berg

Part II. Waterflood Operations

T. F. Lawry

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PETROLEUM INDUSTRY IN ILLINOIS, 1973

JACOB VAN DEN BERG and T. F. LAWRY

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PETROLEUM INDUSTRY IN ILLINOIS, 1973

JACOB VAN DEN BERG and T. F. LAWRY

ABSTRACT

Illinois produced 30,668,578 barrels of crude oil in 1973, a decline of 12.1 percent from 1972. There was a series of price increases in 1973; by the end of the year the average price for "old" oil was a little over $5 per barrel, and for "new," "released," and "stripper" oil it was about $10. In 1973 the estimated average price for all crude oil produced in Illinois was $4.32 per barrel, making the value of crude produced during the year $132,488,257.

542 new holes testing for oil and gas were drilled. These tests resulted in 235 oil wells, 12 gas wells, and 295 dry holes. In addition, 15 former dry holes were reworked or deepened and completed as oil wells, and 5 former producers were re-entered and completed as producers (4 oil, 1 gas) in new pay zones.

Of the 542 new tests, 175, or 32.3 percent, were wildcats (half a mile or more from production), of which 18 were completed as producers, a success ratio of 10.3 percent. Seventy of the wildcats were more than 1 1/2 miles from production (wildcat far) and were only 4.3 percent successful.

Fifty-four new holes were drilled as service wells, and 120 old holes, most of them former producers, were converted to service wells. In connection with underground storage of natural gas, 213 well completions were reported in 1973; these consisted of 89 new injection and withdrawal wells, 20 new service wells, 1 service well conversion, and 103 structure tests.

Three oil fields, 15 extensions to fields, and 11 new pay zones in existing fields were discovered in 1973. None made significant additions to reserves.

Sixteen new waterfloods were added and 26 waterfloods were abandoned during 1973.

Area subjected to fluid injection was increased by 3,020 acres. This includes 2,006 acres in newly reported projects and 1,014 acres in extensions to older waterfloods.

Area subject to fluid injection is now approximately 51.4 percent of the total pay acreage in the state.

PART I. OIL AND GAS DEVELOPMENTS

Jacob Van Den Berg

INTRODUCTION

This report is similar in form to the annual reports of recent years. Part I gives information about crude oil production, exploratory and development drilling, crude oil reserves, productive acreage, gas production, and underground storage of natural gas and liquefied petroleum gas.

Maps of the Illinois oil and gas fields do not appear in this report. Except for recent developments, oil and gas fields are shown on maps in the report for 1970 (Van Den Berg and Lawry, 1971).

The help and cooperation of many individuals and companies in the oil and gas industry, without which this report would not be possible, are recognized and greatly appreciated.

OIL PRODUCTION AND VALUE

Illinois produced 30,668,578 barrels of crude oil in 1973—4,205,467 barrels, or 12.1 percent, less than in 1972. Average daily production in 1973 was 84,024 barrels; in 1972 it was 95,284 barrels.

Table 1A lists by counties the number of holes drilled, footage drilled, and oil production in 1973. Holes drilled are classified as tests for oil and gas, service wells, and structure tests. Table 8 lists by fields oil production and other data.

Crude oil production figures by fields are received from one source, the production figure for the state as a whole from another. The latter source is believed more accurate insofar as the state's total production is concerned. The discrepancy in the two figures accounts for the item at the ends of table 1A and table 8 of 1,093,253 barrels of crude oil for which the field and county assignments are unknown.

The nine counties that had more than 1 million barrels of oil production each in 1973 accounted for 71 percent of the state's total production, as follows:

County	1973 production (bbl)	Percentage of state total
Lawrence	3,763,761	12.3
White	3,619,430	11.8
Fayette	3,260,624	10.6
Wayne	3,208,881	10.5
Marion	3,052,628	9.9
Clay	1,349,844	4.4
Crawford	1,331,559	4.3
Wabash	1,136,302	3.7
Richland	1,065,875	3.5
	21,788,904	71.0

The oil fields in the state that produced more than 500,000 barrels each accounted for 66.1 percent of the 1973 production, as follows:

Field (C=Consolidated)	1973 production (bbl)	Percentage of state total
Southeastern Illinois oil field	5,478,060	17.9
Clay City C	3,664,190	11.9
Louden	2,986,383	9.7
Salem C	2,891,272	9.4
New Harmony C	1,541,056	5.0
Roland C	945,030	3.1
Sailor Springs C	919,318	3.0
Dale C	719,944	2.4
Johnsonville C	594,287	1.9
Phillipstown C	547,899	1.8
	20,287,439	66.1

The price of crude oil in Illinois is based on a gravity scale. On the basis of an estimated API gravity of 35 to 35.9 degrees, Illinois crude was selling for $3.47 per barrel at the beginning of 1973. In April the price of crude began to rise. During the rest of the year a complex sequence of changes in the price structure followed; different prices were paid concurrently, depending on whether the crude was "old," "new," "released," or "stripper" oil.

The Arab oil embargo in the fall of 1973 and the severalfold increase in the prices charged by Arab crude-exporting nations further complicated the petroleum picture and produced profound changes in the entire world energy situation. The net result of all of these complications on petroleum prices in the United States was a substantial increase. By the end of 1973, the average price for "old" oil in Illinois, based on an API gravity of 35 to 35.9 degrees, was a little more than $5 per barrel; for "new," "released," and "stripper" oil it was about $10 per barrel.

The estimated average price for all crude produced in Illinois in 1973 was $4.32 per barrel. On the basis of this price, the value of crude oil produced in Illinois in 1973 was $132,488,257.

1973 DRILLING

In 1973, 745 wells were completed in connection with oil and gas exploration and field development (table 1A), a decrease of 9.8 percent from 1972. These wells include new oil and gas tests; former dry holes reworked or deepened and completed as producers; former producers reworked or deepened and recompleted as producers in new pay zones; new service wells and service well conversions; and structure tests. In addition, the gas industry reported 213 wells completed in 1973 in connection with the underground storage of natural gas (table 1B). These consisted of 89 new injection and withdrawal wells, 20 new service wells, and 1 service well conversion in existing storage projects and 103 structure tests exploring for new project sites.

542 new holes were drilled testing for oil and gas in 1973, down 5.6 percent from 1972. These tests, which include wells in waterflood projects, resulted in 235 oil wells, 12 gas wells, and 295 dry holes. In addition, 15 former dry holes were reworked or deepened and completed as oil wells, and 5 former producers were re-entered and completed as producers (4 oil, 1 gas) in new pay zones. A total of 54 service wells (water input, saltwater disposal, etc.) were drilled in 1973, and 120 old wells, mostly producers, were converted to service wells. This is a decrease of 18.3 percent from 1972 in the total of service wells completed.

Nine structure tests were drilled in connection with oil production.

Of the state's 102 counties, 44 had new oil and gas tests drilled in 1973. Seven counties, with more than 25 tests each, accounted for 51.1 percent of the total: Washington (53), Clay (52), Wayne (46), Lawrence (43), Richland (29), Marion (27), and Williamson (27).

Total footage drilled in 1973 was 1,877,064 feet, an increase of 3.7 percent from 1972. Of this footage, 1,446,083 feet was for oil and gas exploration and development, including service wells, up 2.1 percent, and 430,981 feet was for underground storage of natural gas, up 9.8 percent. In new holes drilled as oil and gas tests, the average depth per well in the last three years has been 2,222 feet in 1971, 2,293 feet in 1972, and 2,481 feet in 1973. This increase in average depth is a reflection of the fact that while most wells are testing at depths that have proven productive in the past, a greater number of deeper tests are also being drilled.

Discoveries

Three oil fields, 15 extensions to fields, and 11 new pay zones in existing fields (fig. 1; tables 2, 3, and 4) were discovered in Illinois in 1973.

Of the new fields, one produces from Mississippian strata, one from Devonian, and one from Silurian. Two of the extensions produce from Pennsylvanian rocks, 11 from Mississippian, 1 from Devonian and Silurian, and 1 from Silurian alone. Of the 11 new pay zones in fields, 8 produce from Mississippian strata, 2 from Devonian, and 1 from Ordovician (Trenton).

Most important of the discoveries is Nashville, a field discovered early in 1973 in Washington County. Production is mostly from a Silurian reef; some production is from the Devonian. By the end of 1973, 23 producing

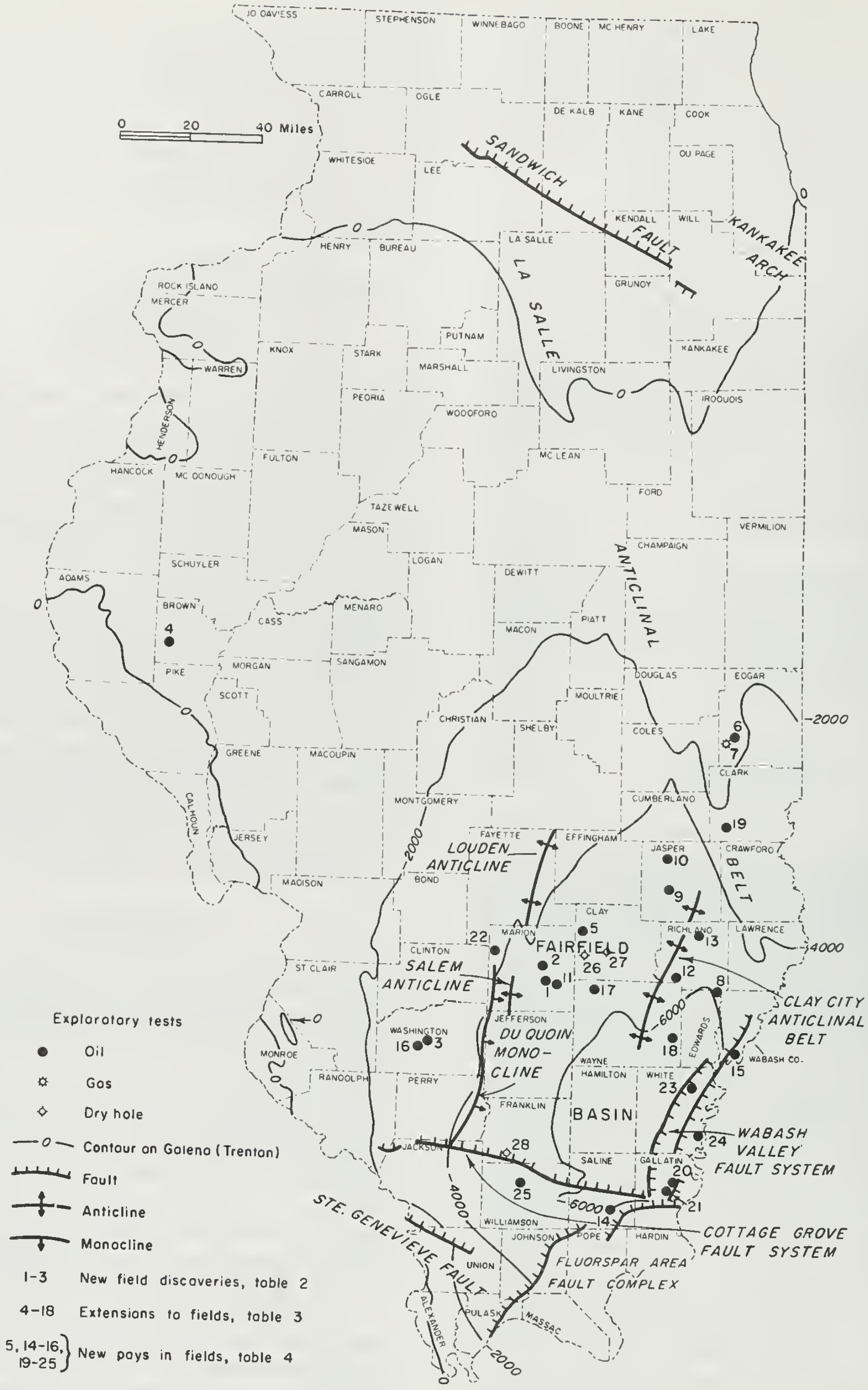

Fig. 1 - Major tectonic features of Illinois and their relations to significant holes drilled during 1973. Numbered holes shown are listed in tables 2, 3, and 4.

wells had been reported, with initial daily production figures ranging from 9 to 233 barrels and averaging more than 80 barrels. The other two fields discovered, Brubaker and Bannister, are both in Marion County. Brubaker produces from the Devonian; it had two wells at the end of the year. Bannister is a one-well Aux Vases field. Except for Nashville, none of the discoveries adds significantly to reserves.

Exploration

Of the 542 new tests for oil and gas, 175 (32.3 percent) were wildcats (half a mile or more from production). Eighteen of the wildcats were completed as producers, a success ratio of 10.3 percent. Of the 105 tests drilled between 1/2 and 1 1/2 miles from production (wildcat-near), 15 were successful, a success ratio of 14.3 percent; the 70 tests more than 1 1/2 miles from production (wildcat-far) resulted in three producers, a success ratio of 4.3 percent.

Of the 44 counties in which new oil and gas tests were drilled in 1973, 37 had at least one wildcat test. Washington County led with 22 wildcats, followed by Williamson (20), Clay (11), Marion (10), St. Clair (7), Sangamon (7), Clark (6), and Clinton (6). All others had 5 or less.

Deeper production was discovered in four fields in 1973: Devonian production in Johnson North, Clark County; Tar Springs in Junction East, Gallatin County; Trenton in Patoka South, Marion County; and Salem in Maunie South Consolidated, White County.

Nine unsuccessful deeper-pay tests in fields were completed in 1973. The Trenton was tested in Oskaloosa South and Kenner North fields, Clay County, and St. Jacob East, Madison County; the Salem in Hord South and Passport West in Clay County, and Bellair in Jasper County; the St. Louis in Bannister, Marion County; and the Osage in New Haven Consolidated in White County.

Table 5 lists selected deep tests in Illinois in 1973.

FIELDS REVIVED AND FIELDS ABANDONED

Four abandoned oil fields were revived by successful drilling in 1973. They are Bogota North, Jasper County; Buckhorn, Brown County; Eberle, Effingham County; and Zenith, Wayne County.

Five fields, with a combined total of 17 wells and a combined cumulative production of 116,000 barrels of oil, were abandoned in 1973. They are Hidalgo South, Jasper County; Louisville North, Clay County; Maple Grove South, Edwards County; Roby North, Sangamon County; and Tovey, Christian County.

GEOLOGIC COLUMN

Figure 2 is a generalized geologic column of southern Illinois. It does not show the Pleistocene deposits that cover much of Illinois bedrock, the Tertiary and Cretaceous rocks that occur in a belt across the southern end of the state, nor the approximately 4,000 feet of Ordovician and Cambrian rocks between the base of the St. Peter Sandstone and the top of the Precambrian basement. Pay zones are indicated on the geologic column by black dots.

CRUDE OIL RESERVES

Estimated crude oil reserves in Illinois declined 32.4 million barrels, or 16.4 percent, in 1973. A net downward revision of 3.5 million barrels and production of 30.7 million barrels were only fractionally offset by new drilling. The latter contributed 1.8 million barrels. The largest item contributing to the downward revision was an 8 million barrel reduction in the reserves of Clay City Consolidated field.

		Millions of barrels
Estimated reserves, 1-1-73		196.9
Withdrawal by 1973 production		30.7
Remainder after production		166.2
Revisions		
New fields, extensions and new pay zones	+1.8	
Net downward revision, old fields	-3.5	
Net revision		-1.7
Estimated reserves, 1-1-74		164.5

PRODUCTIVE ACREAGE

In Illinois an estimated 2,640 acres were added to the area productive of oil, and an estimated 190 acres were added to the area productive of natural gas. Total area in Illinois that has proven productive of oil is 593,080 acres and of gas 35,570 acres.

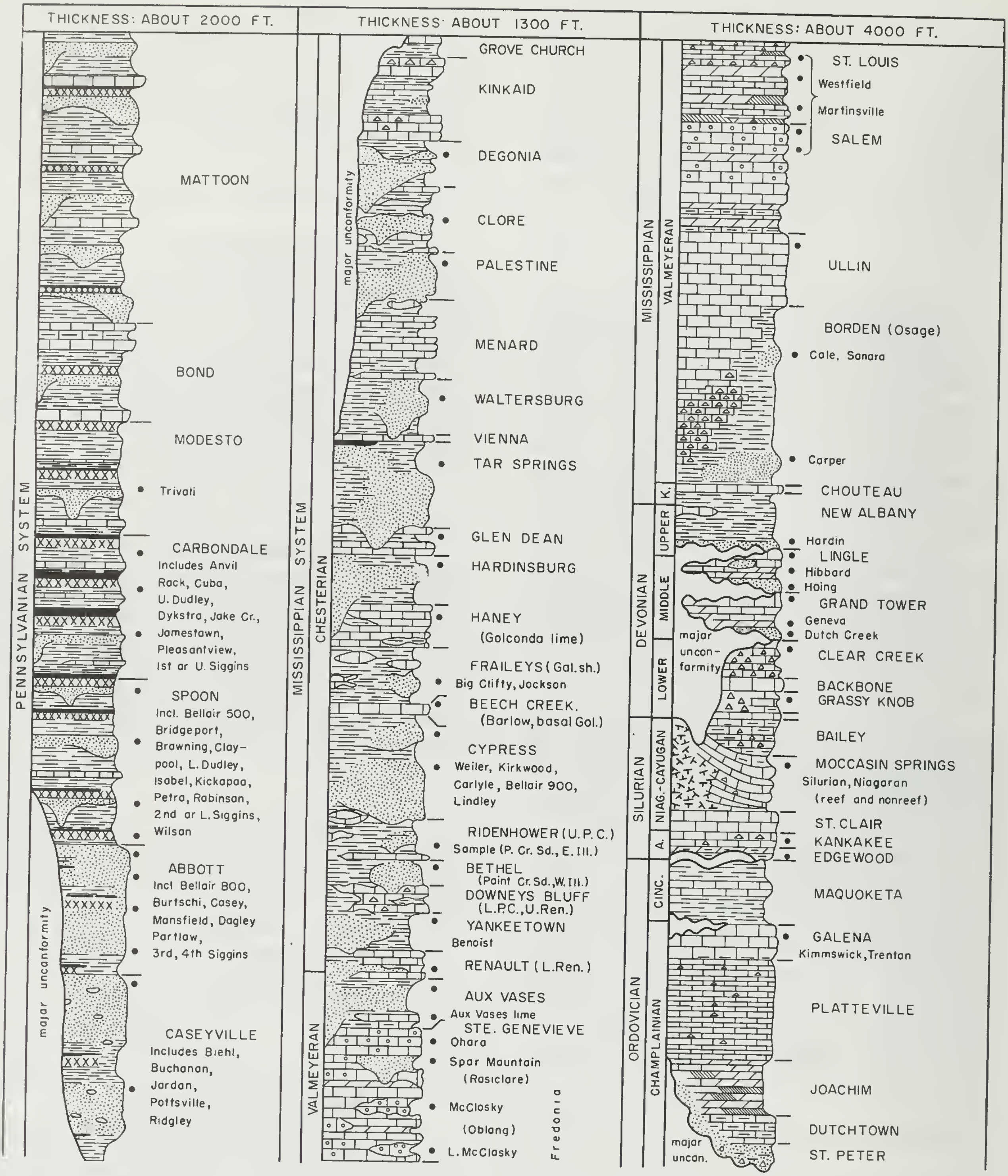

Fig. 2 - Generalized geologic column of southern Illinois. Black dots indicate oil and gas pay zones. Formation names are in capitals; other pay zones are not. About 4,000 feet of lower Ordovician and upper Cambrian rocks under the St. Peter are not shown. The names of the Kinderhookian, Niagaran, Alexandrian, and Cincinnatian Series are abbreviated as K., Niag., A., and Cinc., respectively. Variable vertical scale. (Originally prepared by David H. Swann.)

The normal spacing pattern in Illinois for oil wells producing from depths less than 4,000 feet is 10 acres per well for production from sandstone and 20 acres per well for production from limestone. The Oil and Gas Act makes possible (under certain circumstances) the establishment of drilling units, for production from less than 4,000 feet deep, in which the spacing is fixed at not less than 10 acres nor more than 40 acres per well.

For wells producing from depths between 4,000 and 6,000 feet, the spacing is 40 acres per well. For wells producing from depths greater than 6,000 feet, it is 160 acres per well.

GAS PRODUCTION

Approximately 1,638 million cubic feet of natural gas was produced and marketed in Illinois in 1973, an increase of 37.2 percent from 1972.

The production from Johnston City East, Pittsburg North, and Stiritz fields in Williamson County, 64.2 million cubic feet, was sold in Murphysboro, Carbondale, Benton, and Du Quoin. From Omaha field, Gallatin County, and Raleigh field, Saline County, 86.9 million cubic feet was collected and sold in cities in Gallatin and White Counties. From Eldorado East in Gallatin and Saline Counties and Harco East in Saline County, 92.4 million cubic feet was collected and sold to Harrisburg and Eldorado. The gas from Mattoon field, 1,394.4 million cubic feet, was distributed in the Mattoon and Effingham area.

Table 9 is a list of gas fields in Illinois. Other than the fields mentioned above, all of the gas fields are shut in or have been converted to gas storage or abandoned.

UNDERGROUND STORAGE OF LIQUEFIED PETROLEUM GAS

Thirteen caverns, which resulted from the mining of shale or limestone, provide storage capacity for 3,220,000 barrels of liquefied petroleum gases in Illinois (table 6). Propane, butane, propylene, and ethane are the gases being stored.

UNDERGROUND STORAGE OF NATURAL GAS

At the end of 1973, 37 underground natural gas storage projects were either operating, being developed, or being tested in Illinois. Several other reservoirs were being studied for their storage possibilities. Gas is stored in rocks of Pennsylvanian through Cambrian age at depths from 350 to 4,000 feet.

Table 7 lists information about active Illinois storage projects. These could hold as much as 1.5 trillion cubic feet. The amount of this capacity that is likely to be used depends upon the availability of gas, but ultimately it will probably be about 1.2 trillion cubic feet. The amount of gas actually in storage at the beginning of the heating season (fall of 1973) was about 640 billion cubic feet. About one-third of this was working gas, and two-thirds was cushion gas not readily available for withdrawal and delivery to customers.

SURFACE STORAGE OF LIQUEFIED NATURAL GAS

A facility for the liquefaction and storage of natural gas at the Manlove Gas Storage Field at Mahomet, Illinois, is being operated by the Peoples Gas Light and Coke Company.

Two above-ground tanks are each capable of containing, as liquefied natural gas, the equivalent of 1 billion cubic feet of pipeline natural gas measured at standard conditions of temperature and pressure.

REFERENCE

Van Den Berg, Jacob, and T. F. Lawry, 1971, Petroleum Industry in Illinois, 1970: Illinois Geol. Survey Illinois Petroleum 97, 126 p.

TABLE 1A - SUMMARY OF OIL AND GAS DRILLING ACTIVITY AND OIL PRODUCTION IN 1973

County	Permits to drill	Total completions	Production tests					Service wells				Structure tests	Total footage drilled	Total oil production (bbl)
			New holes		OWWO		Footage drilled	New service wells	Conversions		Footage drilled			
			Prod.*	D&A	D&A to prod.*	Prod. to prod. in new pay zones*			Were prod.	Other†				
Adams	3	2	-	2	-	-	1,302	-	-	-	-	-	1,302	2,500
Bond	12	9	- (2)	5	-	-	9,229	-	1	1	-	-	9,229	43,603
Brown	7	6	2	2	-	-	3,080	-	1	1	-	-	3,080	2,000
Champaign	-	1	-	1	-	-	289	-	-	-	-	-	289	-
Christian	14	8	2	6	-	-	15,180	-	-	-	-	-	15,180	313,716
Clark	31	10	1	9	-	-	16,915	-	-	-	-	-	16,915	332,751‡
Clay	100	73	24	28	2	1	168,528	2	15	1	3,104	-	171,632	1,349,844
Clinton	21	11	2	9	-	-	18,110	-	-	-	-	-	18,110	574,483
Coles	9	5	- (2)	2	-	- (1)	13,921	-	-	-	-	-	13,921	192,248
Crawford	55	31	5 (1)	1	-	-	7,584	13	1	2	13,974	8	29,626	1,331,559
De Witt	10	-	-	-	-	-	-	-	-	-	-	-	-	143,252
Douglas	1	3	1	2	-	-	6,017	-	-	-	-	-	6,017	15,313
Edgar	9	11	5 (3)	3	-	-	4,899	-	-	-	-	-	4,899	112,062
Edwards	30	25	10 (1)	8	1	-	56,919	1	3	1	387	-	57,306	453,858
Effingham	12	9	1	6	1	-	17,617	-	1	-	-	-	17,617	257,816
Fayette	12	6	2	2	-	2	7,449	-	-	-	-	-	7,449	3,260,624
Franklin	21	13	1	6	-	-	23,424	-	6	-	-	-	23,424	580,215
Gallatin	25	16	6 (1)	5	1	-	29,323	1	2	-	1,724	-	31,047	562,833
Greene	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Hamilton	10	11	1	1	-	1	6,805	-	5	3	186	-	6,991	938,768
Hancock	2	2	-	2	-	-	1,342	-	-	-	-	-	1,342	-
Jasper	30	26	11	8	1	-	54,380	1	4	1	1,700	-	56,080	653,331
Jefferson	9	12	-	6	3	-	17,914	-	3	-	-	-	17,914	875,576
Lawrence	99	65	37	6	1	-	73,534	19	1	1	27,178	-	100,712	3,763,761
McDonough	1	2	-	2	-	-	1,026	-	-	-	-	-	1,026	35,000
McLean	1	2	-	2	-	-	1,736	-	-	-	-	-	1,736	-
Macon	3	2	-	2	-	-	4,809	-	-	-	-	-	4,809	4,984
Macoupin	2	3	-	3	-	-	1,628	-	-	-	-	-	1,628	-
Madison	10	7	1	4	-	-	8,575	2	-	-	1,124	-	9,699	102,883
Marion	75	41	10	17	1	-	94,304	3	10	-	5,580	-	99,884	3,052,628
Montgomery	2	1	-	1	-	-	2,000	-	-	-	-	-	2,000	323
Moultrie	-	-	-	-	-	-	-	-	-	-	-	-	-	2,105
Morgan	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Perry	3	1	-	1	-	-	1,336	-	-	-	-	-	1,336	15,195
Pike	1	1	-	1	-	-	1,010	-	-	-	-	-	1,010	-
Pope	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Randolph	13	4	-	4	-	-	8,999	-	-	-	-	-	8,999	75,695
Richland	40	31	15	14	1	-	90,569	-	1	-	-	-	90,569	1,065,875
St. Clair	7	7	-	7	-	-	11,358	-	-	-	-	-	11,358	28,313
Saline	10	22	2 (2)	8	-	-	30,907	-	10	-	-	-	30,907	263,842
Sangamon	36	32	10	22	-	-	54,937	-	-	-	-	-	54,937	204,337
Schuyler	1	1	-	1	-	-	523	-	-	-	-	-	523	-
Shelby	4	3	1	2	-	-	7,373	-	-	-	-	-	7,373	32,814
Vermilion	1	1	-	1	-	-	1,212	-	-	-	-	-	1,212	-
Wabash	32	26	11	7	1	-	42,201	1	3	3	186	-	42,387	1,136,302
Washington	80	56	27	26	-	-	137,141	-	2	-	-	1	137,238	765,859
Wayne	90	64	31	15	2	-	153,752	1	11	4	3,180	-	156,932	3,208,881
White	72	55	15	9	-	-	65,334	9	22	-	22,121	-	87,455	3,619,430
Williamson	35	28	1	26	-	-	78,198	1	-	-	4,785	-	82,983	200,746
Production, location unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	1,093,253
TOTALS	1,044	745	235 (12)	295	15	4 (1)	1,352,869	54	102	18	85,229	9	1,446,083	30,668,578

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*Gas in parentheses, not included in totals.

†Former D&A and other types of wells, except former producers.

‡Includes Cumberland County production.

TABLE 1B - SUMMARY OF UNDERGROUND NATURAL GAS STORAGE DRILLING ACTIVITY IN 1973

County	Permits issued	Total completions	Structure tests	Injection and withdrawal wells		Service wells		Footage
				New wells	Conversions	New wells	Conversions	
Bond	31	1	-	-	-	1	-	1,018
Champaign	19	44	5	37	-	2	-	171,144
Crawford	3	2	-	2	-	-	-	1,555
Douglas	-	3	-	2	-	1	-	13,970
Fayette	-	1	-	-	-	1	-	3,361
Ford	4	9	9	-	-	-	-	5,866
Henderson	34	20	20	-	-	-	-	10,380
Iroquois	11	37	37	-	-	-	-	22,697
Kankakee	4	5	-	4	-	1	-	12,343
La Salle	3	3	1	-	-	2	-	1,628
Livingston	20	8	-	-	-	8	-	3,409
Logan	15	11	6	4	-	-	1	13,090
McDonough	10	10	7	2	-	1	-	13,147
McLean	19	42	10	31	-	1	-	142,172
Mercer	1	1	-	-	-	1	-	2,283
Montgomery	1	1	1	-	-	-	-	642
Ogle	6	6	6	-	-	-	-	3,012
Vermilion	1	1	1	-	-	-	-	941
Warren	1	1	-	-	-	1	-	1,971
Winnebago	10	7	-	7	-	-	-	6,352
TOTALS	193	213	103	89	-	20	1	430,981

TABLE 2 - THREE NEW FIELD DISCOVERIES IN 1973

Map no. (fig. 1)	County and location	Operator, well no., and farm	Field	Initial daily prod. oil/water (bbl)	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date
1	Marion 22-2N-3E	David F. Herley #1 Austin	Bannister	60/8	Aux Vases	2,528	2,644	11-6
2	Marion 32-3N-3E	Collins Bros. Oil Co. #1 Mastis-Hart	Brubaker	70	Devonian	3,805	3,894	6-12
3	Washington 20-2S-3W	Perry Fulk #1 Harre	Nashville	100	Silurian	2,726	3,776	4-3

TABLE 3 - DISCOVERY WELLS OF 15 EXTENSIONS TO FIELDS IN 1973
(C, Consolidated; E, East; N, North; S, South)

Map no. (fig. 1)	County and location	Operator, well no., and farm	Field	Initial daily prod. oil/water (bbl)	Pay zone	Production depth (ft)	Total depth (ft)	Completion date	Remarks
4	Brown 3-2S-4W	Gerald E. Borelli #2 Oberlaender	Buckhorn	5	Silurian	686	690	8-16	
5	Clay 8-4N-5E	George F. Yocum #1 Blackwell	Iola Central	45/5	Spar Mtn.	2,628	2,629	10-9	Also a new pay in field
6	Edgar 8-13N-13W	Odis S. Pattillo #2 Bessie Zink	Dudley	3	Pennsylvanian	438	478	9-6	
7	Edgar 14-13N-14W	Earnest Zink #1 Williams	Ashmore E	gas well	Pennsylvanian	367	367	10-2	IP not available; shut in
8	Edwards 34-2N-14W	R. K. Petroleum Corp. #2 Dollshon Heirs	Berryville C	50	Spar Mtn.	2,960	2,960	1-2	
9	Jasper 9-6N-9E	Parrish Production Co. #1 Raymond Klier	Bogota N	1/10	McClosky	3,080	3,600	8-18	
10	Jasper 29-8N-9E	Koons & Frank Petr. Explor. #1 R. Vahling	Gila	35/3	McClosky	2,862	2,862	8-28	
11	Marion 19-2N-4E	Doran Oil Properties #1 Koehnke Com.	Iuka S	42	McClosky	2,730	2,885	12-12-72	
12	Richland 14-2N-9E	Osage Drilling Co. #1 Hedrick Heirs	Calhoun C	oil well	Spar Mtn.	3,182	4,010	12-15-72	IP not available
13	Richland 1-4N-10E	Lahoil, Inc. #1 Carroll Schrey	Olney C	225	Spar Mtn.	3,061	3,063	9-18	
14	Saline 2-10S-6E	Shawnee Petr. Assoc. #1 Ella Gershbacher	Mitchellsville	20	Cypress	2,107	2,107	3-1-72	Also a new pay in field
15	Wabash 28-2S-13W	Hocking Oil Co. #1 Siegert Heirs	Keensburg S	5/30	Salem	3,199	3,215	10-10	Also a new pay in field
16	Washington 24-2S-4W	Richard W. Beeson #1 Lester Meyers	Nashville	75	Devonian Silurian	2,658 2,694	2,728	4-29	Devonian new pay in field
17	Wayne 36-2N-5E	N. A. Baldridge #1 Tadlock	Zenith	22	McClosky	2,972	2,972	9-19	
18	Wayne 3-2S-9E	C. H. Keplinger #1 Etta Over Com.	Half Moon	10/10	Spar Mtn.	3,354	3,456	1-23	OWWO; was D&A

TABLE 4 - DISCOVERY WELLS OF 11 NEW PAY ZONES IN FIELDS IN 1973
(C, Consolidated; E, East; N, North; S, South; W, West)

Map no. (fig. 1)	County and location	Operator, well no., and farm	Field	Initial daily prod. oil/water (bbl)	New pay zone	Production depth (ft)	Total depth (ft)	Completion date	Remarks
19	Clark 14-9N-14W	Ralph H. Edwards #4 E. Gross	Johnson N	4/8	Devonian	1,722	1,722	7-12	
5	Clay 8-4N-5E	George F. Yocum #1 Blackwell	Iola Central	45/5	Spar Mtn.	2,628	2,629	10-9	Also extension to field.
20	Gallatin 36-8S-9E	Slagter Producing Corp. #2 Sallie Maloney et al.	Junction E	25/1	Tar Springs	2,119	2,120	2-17	
21	Gallatin 3-9S-9E	Richard W. Beeson #1 Max Wilson	Junction N	50/100	Waltersburg	1,990	2,740	3-5	
22	Marion 5-3N-1E	R. H. Troop #7 Langenfeld	Patoka S	60	Trenton	3,990	3,990	10-8	
14	Saline 2-10S-6E	Shawnee Petr. Assoc. #1 Ella Gershbacher	Mitchellsville	20	Cypress	2,107	2,107	3-1-72	Also extension to field.
15	Wabash 28-2S-13W	Hocking Oil Co. #1 Siegert Heirs	Keensburg S	5/30	Salem	3,199	3,215	10-10	Also extension to field.
16	Washington 24-2S-4W	Richard W. Beeson #1 Lester Meyers	Nashville	75	Devonian	2,658	2,728	4-29	Also ext. to field; also prod. from Silurian.
23	White 16-4S-10E	Richard W. Beeson #1-A S. C. Potter	Crossville W	250	Cypress	3,141	3,151	3-20	
24	White 24-6S-10E	Rhea Fletcher #3 Flora Karch	Maunie S C	oil well	Salem	3,800	4,023	8-9-72	IP not available.
25	Williamson 35-8S-2E	C. E. Brehm Drlg. & Prod. #2 Peabody	Whiteash	25/12	Aux Vases	2,464	2,651	12-1-72	Also prod. from Ohara.

TABLE 5 - SELECTED LIST OF UNSUCCESSFUL DEEP TESTS IN 1973
(N, North; S, South)

Map no. (fig. 1)	County and location	Operator, well no., and farm	Field or wildcat	Deepest strata tested	Depth to top (ft)	Total depth (ft)	Completion date
26	Clay 16-3N-5E	Southern Ill. Oil Prod. #1 Earnest Fatheree	Oskaloosa S	Trenton	5,686	5,848	3-29
27	Clay 9-3N-6E	Amoco Production Co. #1 Dale Frost	Kenner N	Trenton	5,866	6,000	8-27-72
28	Franklin 19-7S-2E	Victor R. Gallagher #1 Zeigler Coal & Coke	WN*	Trenton	5,972	6,125	5-24

* Wildcat near, drilled 1/2 to 1 1/2 miles from production.

TABLE 6 - UNDERGROUND STORAGE FACILITIES FOR LIQUEFIED PETROLEUM GASES IN ILLINOIS, JANUARY 1, 1974

Company	Location	Type of storage	Approx. depth (ft)	Stratigraphic unit	Capacity (bbl)	Product
General Facilities, Inc.	Wood River, Madison County	Mined limestone	400	Valmeyeran (Mississippian)	80,000	Propane
Hydrocarbon Transportation, Inc.	Morris, Grundy County	Mined shale	1,450	Eau Claire	150,000	Ethane
Hydrocarbon Transportation, Inc.	Lemont, Will County	Mined shale Mined shale	304 358	Maquoketa Maquoketa	250,000	Propane Butane
Mid-America Pipeline Co.	Farmington, Peoria County	Mined shale	260	Pennsylvanian	440,000	Propane
Phillips Petroleum Co.	Kankakee, Kankakee County	Mined shale	300	Maquoketa	260,000	Propane
Shell Oil Co.	Wood River, Madison County Wood River, Madison County	Mined limestone Mined limestone	430	Valmeyeran (Mississippian)	500,000 232,000	Butane Propane
Tuloma Gas Products Co.	Wood River, Madison County Wood River, Madison County	Mined limestone Mined limestone	400	Valmeyeran (Mississippian)	190,000 50,000	Propane Propylene
U.S. Industrial Chemicals Co.	Tuscola, Douglas County Tuscola, Douglas County	Mined limestone and siltstone	350	Pennsylvanian	170,000 800,000	Propane Propane
Warren Petroleum Corp.	Crossville, White County	Mined shale	-	Pennsylvanian	52,000	LP-gas
WILLBROS	Eola (Aurora), Du Page County	Mined shale	220	Maquoketa	46,000	LP-gas
				TOTAL	3,220,000	

TABLE 7 - ACTIVE UNDERGROUND NATURAL GAS STORAGE

			Operational dstes (initial)			Number of wells			Geologic dats			
Project	Company	County Township Range	Devel-opment	Stor-age	With-drawal	Oper-ating	Obser-vation	Other	Stratigraphic unit	Lithol-ogy	Trap	Native fluid
Ancona	Northern Illinois Gas Co.	La Salle & Livingston 29, 30N-2, 3E	1961	1963	1965	94	37	131	Mt. Simon	sand	anti-cline	water
Ashmore	Central Illinois Public Service	Coles & Clark 12N-10, 11E, 14W	1960	1963	1963	42	10	15	Spoon Salem	sand lime	dome	gas
Brocton	Peoples Gas Light & Coke Co.	Douglas & Edgar 14, 15N-13, 14W	(testing, 1973)			0	5	—	Lingle Grand Tower	lime dolo-mite	dome	wster
Centralia East	Illinois Power Co.	Marion 1N-1E	1960	1964	1966	17	4	—	Pennsylvanian	sand	strati-graphic	gas
Cooks Mills	Natural Gas Pipe-line Co.	Coles & Douglas 14N-7, 8E	1956	1959	1959	24	5	4	Cypress Spar Mountain ("Rosiclare")	sand	lens	gas
Corinth	Central Illinois Public Service	Williamson 8S-4E	1972	1972	1972	2	—	—	Hardinsburg	sand	—	gas
Crab Orchard	Central Illinois Public Service	Williamson 9S-4E	1972	1972	1972	2	—	—	Hardinsburg	sand	—	gas
Crescent City St.P.	Northern Illinois Gas Co.	Iroquois 26, 27N-13W	1959	1967	(operations temporarily ceased)				St. Peter	sand	anti-cline	water
Crescent City Mt.S.			(in exploration, 1973)			3	9	—	Mt. Simon	sand	dome	water
Eden	Illinois Power Co.	Randolph 5S-5W	1970	1971	1971	12	2	10	Cypress	sand	strati-graphic	gas
Elbridge	Midwestern Gas Transmission Co.	Edgar 12, 13N-11W	1961	1965	1966	12	7	—	Grand Tower	lime	drape over reef	water
Freeburg	Illinois Power Co.	St. Clair 1, 2S-7W	1958	1959	1959	83	7	—	Cypress	sand	strati-graphic	gas
Gillespie-Benld	Illinois Power Co.	Macoupin 8N-6W	1958	1958	1959	7	0	—	Pennsylvanian	sand	strati-graphic	gas
Glasford	Central Illinois Light Co.	Peoria 7N-6E	1960	1964	1964	35	13	—	Niagarsn	dolo-mite	dome	wster
Herscher Gvl.	Natural Gas Pipe-line Co.	Kankakee 30N-10E	1952	1953	1953	60	58	85	Galesville	sand	anti-cline	water
Herscher Mt.S.			1957	1957	1958	56	17	—	Mt. Simon***		anti-cline	water
Herscher-Northwest	Natural Gas Pipe-line Co.	Kankakee 30, 31N-9E	1968	1969	1970	16	13	1	Mt. Simon***	sand	anti-cline	water
Hillsboro	Illinois Power Co.	Montgomery 9, 10N-3W	1972	(testing, 1973)		2	6	—	St. Peter	sand	dome	water
Hookdale	Illinois Power Co.	Bond 4N-2W	1962	1963	1963	10	4	—	Yankeetown ("Benoist")	sand	strati-graphic & struc-tural	gas
Hudson	Northern Illinois Gas Co.	McLean 24, 25N-2, 3E	1970	1971	1971	17	7	—	Mt. Simon	sand	dome	water
Hume	Peoples Gas Light & Coke Co.	Edgar 16N-13, 14W	(testing, 1973)			0	9	—	Lingle Grand Tower	lime dolo-mite	dome	water
Lake Bloomington	Northern Illinois Gas Co.	McLean 25, 26N-2, 3E	1971	1971	1972	27	13	40	Mt. Simon	sand	anti-cline	water
Lexington	Northern Illinois Gas Co.	McLean 25N-3, 4E	1971	1971	1972	11	5	16	Mt. Simon	sand	dome	water
Lincoln	Central Illinois Light Co.	Logan 19N-3W	1971	1974	1974	17	15	—	Silurian	dolo-mite	dome	water
Loudon	Natural Gas Pipe-line Co.	Fayette 7, 8, 9N-3E	1967	1967	1969	53	70	21	Grand Tower	lime	anti-cline	oil
Manlove (Mahomet)	Peoples Gas Light & Coke Co.	Champaign 21N-7E	1960	1964	1966	90	12	—	Mt. Simon	sand	anti-cline	water
Nevins	Midwestern Gas Transmission Co.	Edgar 12, 13N-11W	1961	1965	1966	14	7	—	Grand Tower	lime	drape over reef	water
Pecatonica	Northern Illinois Gas Co.	Winnebago 27N-10E	1967	1969	1970	14	15	—	Eau Claire	sand	dome	water
Pontiac	Northern Illinois Gas Co.	Livingston 27, 28N-6E	1966	1968	1969	40	14	54	Mt. Simon	sand	dome	water
Richwoods	Gas Utilities Co.	Crawford 6N-11W	1966	1966	1966	4	2	0	Pennsylvanian	sand	—	gas
St. Jacob	Mississippi River Transmission Corp.	Madison 3N-6W	1963	1963	1965	10	4	—	St. Peter	sand	dome	water
Sciota	Central Illinois Public Service	McDonough 6, 7N-3, 4W	(testing, 1973)			3	8	—	Mt. Simon	sand	dome	water
Shanghai	Illinois Power Co.	Warren & Mercer 12, 13N-1W	1970	1971	1971	9	9	—	Galesville	sand	dome	water
State Line	Midwestern Gas Transmission Co.	Clark, Ill., † & Vigo, Ind. 12N-10W	1961	1963	1964	9	6	—	Grand Tower	lime	drape over reef	water
Tilden	Illinois Power Co.	St. Clair & Washington 3S-5, 6W	1957	1961	1961	45	15	—	Cypress	sand	strati-graphic	gas
Troy Grove	Northern Illinois Gas Co.	La Salle 34, 35N-1E	1957	1958	1959	96	27	123	Eau Claire Mt. Simon	sand	dome	water
Tuscola	Panhandle Eastern Pipeline Co.	Douglas & Champaign 16, 17N-8E	(testing, 1973)			5	10	9	Mt. Simon	sand	dome	water
Waterloo	Mississippi River Transmission Corp.	Monroe 1, 2S-10W	1950	1951	1951	(absndoned, 1973)			Ordovician	sand & dolo-mite	dome	water
Waverly St.P.	Panhandle Eastern Pipeline Co.	Morgan 13N-8W	1952	1954	1962	50	19	22	St. Peter	sand	dome	water
Waverly Gvl.			1969	1969	1970	10	3	—	Galesville	sand	dome	wster

*Million cubic feet.

**Current storage; ultimate capacity not available.

***Includes Elmhurst Member of overlving Eau Claire Formation.

†15 percent in Illinois; 85 percent in Indiana.

PROJECTS IN ILLINOIS January 1, 1974

Reservoir data						Capacities (MMcf)*			Max. vol. in storage 1973 (MMcf)	Withdrawals (MMcf)		Project
Area in acres		Depth (ft)	Thickness or closure (ft)	Average porosity (%)	Average permeability (millidarcys)	Potential, cushion and working	Dec. 31, 1973			Peak daily, 1973	Total, 1973	
Storage	Closure						Working	Cushion				
—	12,840	2,154	290	12.3	114	130,000	44,070	79,549	120,265	451	17,936	Ancona
—	1,600	400	4-80	15.0	up to 3,000	3,575	1,308	1,991	3,500	31	690	Ashmore
—	30,000	672	210	12.2	—	70,000	0	0	0	0	0	Brocton
463	—	812	49	18.2	200	672	236	416	672	13	176	Centralia East
—	1,500	1,600	40	16.0	67	4,500**	2,652	1,567	4,458	73	1,007	Cooks Mills
20	—	2,125	28	—	—	250	159	72	241	4	60	Corinth
20	—	2,200	19	—	—	176	99	67	109	3	55	Crab Orchard
—	16,725	1,200	150	14.5	138	50,000	—	—	—	—	—	St.P. Crescent City
—	—	—	—	—	—	100,000	—	—	—	—	—	Mt.S. Crescent City
—	1,000	875	18	20.6	168	2,493	530	868	1,406	6	124	Eden
—	1,691	1,925	145	17.5	18	7,950	907	6,030	7,127	17	1,074	Elbridge
4,222	—	350	47	21.5	216	6,836	2,087	4,636	6,956	37	812	Freeburg
113	—	510	28	16.0	326	151	31	116	150	1	8	Gillespie-Benld
—	3,200	800	120	12.0	426	12,525	5,583	6,262	12,525	108	3,618	Glasford
6,750	8,000	1,750	100	18.0	467	50,000	14,996	23,283	39,636	812	16,703	Gvl. Herscher
7,500	8,000	2,450	80	12.0	185	67,000	25,939	30,704	61,003	193	12,597	Mt.S. Herscher
—	3,000	2,200	58	15.0	82	17,000	3,463	8,703	12,851	44	2,177	Herscher-Northwest
4,000		3,150	100	16.0	250	38,000	0	499	499	0	0	Hillsboro
414	—	1,125	28	20.3	458	1,061	712	285	1,057	29	551	Hookdale
	13,200	3,800	160	11.0	45	100,000	1,841	7,386	9,209	20	133	Hudson
—	6,500	670	120	10±	—	4,000	0	0	0	0	0	Hume
	10,600	3,525	97	11.0	45	100,000	6,793	23,355	31,138	92	3,845	Lake Bloomington
	14,300					100,000	706	3,656	4,570	14	213	Lexington
	3,000	1,300	85	12.0	250	15,000	2,796	3,800	6,909	24	315	Lincoln
2,610		3,050	65	15.0	—	75,000	15,838	26,506	45,850	289	15,377	Loudon
—	13,370	3,950	116	11.0	15	100,000?	21,555	70,589	94,119	260	2,927	Manlove (Mahomet)
—	1,650	1,975	105	16.5	25	7,200	1,226	5,510	6,956	20	1,234	Nevins
—	2,600	800	38	18.6	556	3,000	1,077	1,615	2,692	18	689	Pecatonica
3,500	—	3,000	100	10.0	25	40,000	10,311	17,939	29,530	142	4,422	Pontisc
—	—	700	—	—	—	100	79	15	79	1	23	Richwoods
550	650	2,860	100	14.0	400+	5,600	1,800	3,800	5,600	70	1,846	St. Jacob
—	2,500	2,600	70	12.0	39	12,000	0	327	327	0	0	Sciota
	1,850	2,000	95	15.2	246	11,000	2,293	6,007	8,629	57	1,787	Shanghai
—	496	1,860	91	17.3	47	5,200	855	3,750	4,774	15	945	State Line
1,287	—	800	33	20.8	183	3,090	1,136	1,820	3,063	56	1,219	Tilden
—	9,600	1,420	100	17.0	150	72,000	26,850	32,334	71,803	868	37,263	Troy Grove
—	—	4,000	—	—	—	60,000	0	1,429	1,430	0	0	Tuscola
100	300	1,650	100	vuggy	—	450			(abandoned)			Waterloo
1,500	7,000	1,800	115	18.0	1,220	150,000	7,441	14,814	24,123	209	8,259	St.P. Waverly
—	—	3,500	68	—	—	127,000	1,458	17,695	19,169	36	1,418	Gvl. Waverly

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973

Explanation of Abbreviations and Symbols

Field:	N, North; S, South; E, East; W, West; C, Consolidated; Cen, Central. Fields located in two or more counties have county names listed in order of oil discovery.
Age:	PC, Precambrian; CAM, Cambrian; ORD, Ordovician; SHK, Shakopee; STP, St. Peter; TRN, Trenton; SIL, Silurian; DEV, Devonian; DVS, Devonian-Silurian; MIS, Mississippian; PEN, Pennsylvanian.
Kind of rock in pay zone:	D, dolomite; DS, sandy dolomite; L, limestone; LS, sandy limestone; OL, oolitic limestone; S, sandstone.
ABD:	Field abandoned.
REV:	Field revived.
Structure:	A, anticline; C, accumulation due to change in character of rock; D, dome; F, faulting; H, strata horizontal or nearly horizontal; L, lens; M, monocline; N, nose; R, reef; T, terrace; U, unconformity. Combinations of the letters are used when more than one factor applies.
+	Field listed in Table 9 (gas production).
++	Illinois portion only.
#	Acreage is included in the immediately preceding figure.
X	Correct entry not determinable.

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
AB LAKE, GALLATIN, 8S, 10E			1947	80	3,9	108,0	9	0	0	3			M	MIS	2953
	PENNSYLVANIAN	805	1957	40			3	0	0		35		S 10 M		
	PALESTINE, MIS	1835	1954	10			1	0	0		36		S 5 MF		
	WALTERSBURG, MIS	2000	1957	40			3	0	0		37		S 10 M		
	RENAULT, MIS	2735		20			2	0	0		35		L 8 MF		
	AUX VASES, MIS	2770		10			1	0	0		35		S 9 MF		
AB LAKE SOUTH, GALLATIN, 9S, 10E	AUX VASES, MIS	2798	1959	10	0,0	3,8	1	0	0	0	36		S M	MIS	2982
				ABD 1963											
*AB LAKE WEST, GALLATIN, 8-9S, 9-10E			1950	450	2,3	528,4	33	0	0	15			M	MIS	2964
	PENNSYLVANIAN	725	1954	50			3	0	0		35		S 10 ML		
	WALTERSBURG, MIS	2020	1956	300			19	0	0		37		S 20 ML		
	TAR SPRINGS, MIS	2075	1958	30			2	0	0		38		S 10 ML		
	CYPRESS, MIS	2425	1954	10			1	0	0		36		S 9 ML		
	AUX VASES, MIS	2735		160			17	0	0		36		S 6 ML		
	MCCLOSKY, MIS	2830		10			1	0	0		38		L 2 MC		
*ADEN C, WAYNE, HAMILTON, 2-3S, 7E			1938	2380	113,2	13130,4	125	0	1	54			A	DEV	5434
	AUX VASES, MIS	3200	1938	1570			64	0	1		39		S 10 A		
	OMARA, MIS	3290	1943	2010			7	0	0		35		L 7 A		
	SPAR MTN, MIS	3320	1943	#			5	0	0		35		LS 5 AC		
	MCCLOSKY, MIS	3350	1938	#			79	0	0		35		L 4 A		
	SALEM, MIS	3735	1948	60			9	0	0		36		L 16 AC		
	ULLIN, MIS	4132	1959	50			4	0	0		39		L 16 AC		
	LINGLE, DEV	5182	1968	10			1	0	0				S 10		
	DUTCH CREEK, DEV	5318	1959	30			3	0	0		40		S 10 A		
ADEN EAST, WAYNE, 2S, 7E	MCCLOSKY, MIS	3434	1961	10	0,0	0,0	1	0	0	0	39		O L	MIS	3552
				ABD 1961											
*ADEN SOUTH, HAMILTON, 3S, 7E			1945	330	1,8	832,4	27	0	0	8			A	DEV	5462
	AUX VASES, MIS	3245		170			9	0	0		39		S 8 AL		
	OMARA, MIS	3310		330			2	0	0		37		L 7 AC		
	SPAR MTN, MIS	3330		#			8	0	0		37		LS 8 AC		
	MCCLOSKY, MIS	3395		#			17	0	0		38		L 9 AC		
*AKIN, FRANKLIN, 6S, 4E			1942	750	22,4	2374,4	58	0	3	32			A	MIS	3515
	CYPRESS, MIS	2840		220			14	0	1		33	0,14	S 10 AL		
	AUX VASES, MIS	3100		510			39	0	1		37	0,12	S 22 AL		
	OMARA, MIS	3100	1956	70			4	0	0		38		L 18 AC		
	MCCLOSKY, MIS	3270		#			1	0	0		38		L 9 AC		
AKIN WEST, FRANKLIN, 6S, 4E			1948	120	7,0	205,2	9	0	0	7			A	DEV	5185
	CYPRESS, MIS	2715		30			2	0	0		35		S 8 AL		
	OMARA, MIS	3050		70			2	0	0		37		L 10 AC		
	SPAR MTN, MIS	3080		#			1	0	0				L 12 AC		
	MCCLOSKY, MIS	3130		#			3	0	0		39		L 4 AC		
	SALEM, MIS	3663	1962	10			1	0	0		38		L 10		
	ULLIN, MIS	3994	1962	20			2	0	0		37		L 10		
ALBION CEN, EDWARDS, 2S, 10E			1955	110	0,0	136,0	7	0	1	1				MIS	3510
	OMARA, MIS	3350		110			7	0	0		37		L 5		
	MCCLOSKY, MIS	3395		#			1	0	1				L 4		
*ALBION C +, EDWARDS, WHITE, 1-3S, 10-11E, 14W			1940	5650	275,8	29030,7	484	0	3	181			AM	DEV	5185
	MANSFIELD, PEN	1650		1950			6	0	0		28		S 5 MF		
	BRIDGEPORT, PEN	1900		#			30	0	0		29	0,16	S 15 MF		
	BIEHL, PEN	2000		#			157	0	0		37	0,16	S 15 MF		
	DEGONIA, MIS	2125		10			2	0	0		35		S 9 MF		
	WALTERSBURG, MIS	2365		690			67	0	0		36		S 16 AL		
	TAR SPRINGS, MIS	2460		140			10	0	0		37		S 5 AL		
	HARDINSBURG, MIS	2635		70			6	0	0		36		S 10 A		
	CYPRESS, MIS	2660		510			44	0	0		37		S 15 A		
	BETHEL, MIS	2960		900			56	0	2		35		8 14 AF		
	BENOIST, MIS	3000		170			12	0	0		34		S 13 AF		

(CONTINUED ON NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
*ALBION C *, EDWARDS, WHITE, 1-3S, 10-11E, 14W							(CONTINUED FROM PREVIOUS PAGE)								
	AUX VASES, MIS	3045		1630			114	0	0		37		S 18 AF		
	OHARA, MIS	3110		1770			11	0	0		40		L 5 AC		
	SPAR MTN, MIS	3130		#			7	0	0		38		L 10 AC		
	MCCLOSKY, MIS	3200		#			100	0	1		37		L 12 AC		
*ALBION EAST, EDWARDS, 2S, 14W			1943	1050	57.2	1758.6	75	3	0	43			A	MIS	3254
	CYPRESS, MIS	2800		240			18	0	0		32		S 7 A		
	BETHEL, MIS	2920		130			8	1	0		38		S 6 AL		
	BENOIST, MIS	2925		80			15	2	0		38		S 10 AC		
	AUX VASES, MIS	3020		290			17	0	0		34	0.14	S 17 AL		
	OHARA, MIS	3100		570			15	0	0		38		L 7 A		
	SPAR MTN, MIS	3125		#			10	0	0				L 7 A		
	MCCLOSKY, MIS	3155		#			14	1	0				L 7 A		
ALBION NORTHWEST, EDWARDS, 1S, 10E	MCCLOSKY, MIS	3300	1967	30	2.3	28.8	3	0	0	3			L	MIS	3400
ALBION WEST, EDWARDS, 3S, 10E	MCCLOSKY, MIS	3375	1953	10 ABD 1953	0.0	1.4	1	0	0	0			L 5	MIS	3420
*ALLENDALE, WABASH, LAWRENCE, 1-2N, 11-13W			1912	9190	127.2	22062.7	1083	4	23	312			AM	MIS	3057
	PLEASANTVIEW, PEN	660		6220			0	0					S 30 AM		
	BRIDGEPORT, PEN	1070		#			0	0					S 12 AM		
	BUCHANAN, PEN	1290		#			0	0					S 15 AM		
	BIEHL, PEN	1450		#			688	2			33		S 20 AM		
	JORDAN, PEN	1490		#			22	0					S 10 AM		
	WALTERSBURG, MIS	1540		320			29	0			31		S 15 AM		
	TAR SPRINGS, MIS	1600		240			20	0			30		S 20 AM		
	HARDINSBURG, MIS	1780		10			2	0			34		S 10 AM		
	CYPRESS, MIS	1920		1790			77	0			34		S 10 AM		
	SAMPLE, MIS	1769		1250			11	0			35		S X AM		
	BETHEL, MIS	2010		#			96	0			35		S 10 AM		
	AUX VASES, MIS	2280		40			5	0			37		S 12 AM		
	OHARA, MIS	2300		780			15	1					L 10 AM		
	SPAR MTN, MIS	2300		#			6	0					LS 5 AM		
	MCCLOSKY, MIS	2300		#			24	1			36		L 8 AM		
	ST LOUIS, MIS	2275	1967	10			1	0			39		L 15		
	SALEM, MIS	2774	1966	40			4	0			39		L 10		
	ULLIN, MIS	2606	1966	20			2	0			39		L 12		
ALMA, MARION, 4N, 2E			1941	60	0.0	82.0	6	0	0	0			A	DEV	3692
	CYPRESS, MIS	1805		10			1	0	0		35		S 7 AL		
	BENOIST, MIS	1945		50			6	0	0		36		S 8 AL		
	SPAR MTN, MIS	2085		40 ABD			2	0	0		36	0.26	L 10 AC		
AMITY, RICHLAND, 4N, 14W	MCCLOSKY, MIS	2960	1942	60	1.3	50.3	4	0	0	1	36		O MC	MIS	3089
AMITY S, RICHLAND, 4N, 14W	SPAR MTN, MIS	2890	1953	10 ABD 1953	0.0	0.1	1	0	0	0	38		L	MIS	3010
AMITY W, RICHLAND, 4N, 14W	AUX VASES, MIS	2925	1953	10 ABD 1954	0.0	0.0	1	0	0	0	38		S 1	MIS	3100
ASHLEY, WASHINGTON, 2S, 1W	BENOIST, MIS	1430	1953	210	8.2	436.6	15	0	0	14	30		S	DEV	3116
ASHLEY E, WASHINGTON, 2S, 1W	BENOIST, MIS	1636	1969	60	8.2	39.2	5	0	0	5			S	MIS	1880
ASHMORE E, COLES, 13N, 14W	PENNSYLVANIAN	415	1956	30 ABD 1957, REV 1962	0.0	0.0	3	0	0	2	30		S 1	PEN	484

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
ASHMORE S +, COLES, CLARK, 12N, 10-11E, 14W															
			1958	310	0,0	41,2	23	0	0	15				TRN	2260
	UNNAMED, PEN	420	1958	310			22	0	0		24		S X AL		
	MISSISSIPPIAN	475	1963	20			1	0	0		38		L 17		
ASSUMPTION CEN, CHRISTIAN, 13N, 1E															
	DEVONIAN	2433	1961	10	0,0	0,0	1	0	0	0	38		L	DEV	2437
				ABD 1961											
*ASSUMPTION C, CHRISTIAN, 13-14N, 1E															
			1948	2430	92,9	9960,6	186	0	6	59			A	ORD	3070
	BENOIST, MIS	1050		590			46	0	1		36		S 13 A		
	SPAR MTN, MIS	1170		220			17	0	0		40		S 4 AL		
	LINGLE, DEV	2300		2270			125	0	5		38		L 8 A		
ASSUMPTION S, CHRISTIAN, 12N, 1E															
	LINGLE, DEV	2630	1951	50	0,7	20,2	3	0	0	1	39		L	DEV	2740
AVA-CAMPBELL HILL +, JACKSON, 7S, 3-4W															
	CYPRESS, MIS	780	1916	140	0,0	25,0	16	0	0	0	36		S 1 A	TRN	3582
				ABD 1943, REV 1956, ABD 1957											
BALDWIN, RANDOLPH, 4S, 6W															
	SILURIAN	1535	1954	30	0,0	10,6	3	0	0	1	32		L X R	TRN	2234
BANNISTER,MARION,2N,3E															
	AUX VASES,MIS	2570	1973	10	0,0	0,0	1	1	0	1			S 5	MIS	2780
*BARNHILL, WAYNE, WHITE, 2-3S, 8E															
			1939	1910	20,2	6047,4	162	1	0	23			A	DEV	5500
	AUX VASES, MIS	3325		960			76	0	0		39		S 15 AL		
	OMARA, MIS	3370		1150			9	1	0				OL 6 AC		
	SPAR MTN, MIS	3400		#			10	0	0				LS 9 AC		
	MCCLOSKY, MIS	3450		#			74	0	0		38	0,17	OL 15 AC		
	ST LOUIS, MIS	3520		10			1	0	0		38		L 7 AC		
	SALEM, MIS	3795		30			3	0	0		39		L 8 AC		
*BARTELSO, CLINTON, 1-2N, 3W															
			1936	600	33,0	4010,5	110	2	2	46			D	STP	4212
	CARLYLE(CYP), MIS	985		420			73	2	2		36	0,20	S 15 D		
	SILURIAN	2420		380			38	0	0		40	0,27	L 12 R		
*BARTELSO E, CLINTON, 1N, 3W															
	SILURIAN	2550	1950	210	9,0	893,0	21	0	0	18	42		L R	SIL	2788
BARTELSO S, CLINTON, 1N, 3W															
	DEVONIAN	2475	1942	60	0,0	23,7	3	0	0	0	40	0,15	L 3 A	DEV	2652
				ABD 1962											
BARTELSO W, CLINTON, 1N, 3-4W															
			1945	260	2,8	83,6	19	0	0	10			A	SIL	2600
	CYPRESS, MIS	960	1945	260			16	0	0		36		S 15 A		
	SILURIAN	2439	1961	10			1	0	0		40		L 7 A		
*BEAUCOUP, WASHINGTON, 2S, 2W															
			1951	280	2,0	375,1	14	0	0	10			A	TRN	4192
	CLEAR CREEK, DEV	3050		280			14	0	0		39		L 12 A		
	TRENTON, ORD	4095		10			1	0	0		39		L 5 A		
*BEAUCOUP S, WASHINGTON, 2S, 2W															
	BENOIST, MIS	1430	1951	260	16,5	996,3	22	0	0	13	35		S AL	DEV	3122
*BEAVER CREEK, BOND, CLINTON, 3-4N, 2-3W															
	BENOIST, MIS	1130	1942	180	5,0	270,0	17	0	0	6	34	0,25	S A	SIL	2558

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
BEAVER CREEK N, BOND, 4N, 3W																	
	BENOIST, MIS	1115	1949	80	0.0	0.7	6	0	0	0	24		S	4	A	DEV	2556
				ABD 1954, REV 1958, ABD 1964													
*BEAVER CREEK S +, CLINTON, BOND, 3-4N, 2-3W																	
			1946	570	10.0	674.4	51	0	0	26					A	SIL	2606
	CYPRESS, MIS	1005		10			1	0	0		36		S	20	A		
	BENOIST, MIS	1140		560			50	0	0		35		S	5	A		
BECKEMEYER GAS +, CLINTON, 2N, 3W																	
	CYPRESS, MIS	1070	1956	10	0.0	0.0	1	0	0	0			S	23		SIL	2730
							ABD 1958										
*BELLAIR, CRAWFORD, JASPER, 8N, 14W																	
			1907	2220	X	X	541	0	0	70					AM	DEV	2063
	(500 FT), PEN	560		2130			315	0	0		29		S	30	AM		
	(800 FT), PEN	815		#			76	0	0		37		S	X	AM		
	(900 FT), MIS	885		#			190	0	0		37		S	X	AM		
	CYPRESS, MIS	950		50			4	0	0		36		S	4	AM		
	BENOIST, MIS	1000		405			4	0	0		36		S	10	AM		
	RENAULT, MIS	830		30			6	0	0		37		S	6	AM		
	AUX VASES, MIS	800		220			11	0	0		38		S	X	AM		
	OHARA, MIS	860		30			1	0	0		37		L	4	A		
	CARPER, MIS	1748	1969	50			4	0	0				S	14			
				SEE CLARK COUNTY DIV. FOR PRODUCTION													
BELLE PRAIRIE, HAMILTON, 4S, 6-7E																	
			1940	330	20.6	1009.2	19	0	0	8					A	DEV	5483
	AUX VASES, MIS	3250		30			3	0	0		37		S	8	AC		
	MCCLOSKY, MIS	3420		300			17	0	0		38	0.12	L	6	AC		
BELLE PRAIRIE W, HAMILTON, 4S, 5E																	
	ULLIN, MIS	4206	1959	10	0.0	0.5	1	0	0	0	37		L			MIS	4389
				ABD 1960													
BELLE RIVE, JEFFERSON, 3S, 4E																	
	MCCLOSKY, MIS	3085	1943	110	2.3	391.8	6	0	0	4	37	0.50	L		AC	MIS	4200
BELLMONT, WABASH, 1S, 13-14W																	
			1951	30	0.0	73.0	4	0	0	0					M	MIS	3006
	BETHEL, MIS	2650		10		11.0	1	0	0		38		S	7	ML		
	OHARA, MIS	2640		20		62.0	3	0	0		40		L	7	MC		
				ABD 1972													
*BEMAN, LAWRENCE, 3N, 11W																	
			1942	530	1.5	310.0	33	0	0	8					A	MIS	2000
	AUX VASES, MIS	1805		100			8	0	0		38		S	20	AL		
	STE. G, MIS	1850		440			29	0	0		38		L	7	AC		
BEMAN E, LAWRENCE, 3N, 10W																	
			1947	100	0.0	116.0	7	0	0	0					A	MIS	1924
	AUX VASES, MIS	1805		30			3	0	0		38		S	20	AL		
	STE. G, MIS	1860		110			6	0	0		38		L	7	AC		
				ABD 1960, REV 1965, ABD 1969													
BENNINGTON S, EDWARDS, 1N, 10E																	
	MCCLOSKY, MIS	3240	1944	10	0.0	10.4	1	0	0	0	37		L		MC	MIS	3420
				ABD 1946													
*BENTON, FRANKLIN, 6S, 2-3E																	
			1941	2360	56.0	39779.2	267	0	0	89					A	TRN	6250
	PENNSYLVANIAN	1700		20			2	0	0		33		S	9	AL		
	TAR SPRINGS, MIS	2100		2360			248	0	0		38		S	10	A		
	AUX VASES, MIS	2752	1959	300			21	0	0		38		S	15	A		
	OHARA, MIS	2804	1959	190			13	0	0				L	8	A		
	MCCLOSKY, MIS	2906	1960	#			5	0	0		37		OL	4	AC		
	ST. LOUIS, MIS	2990	1960	10			1	0	0		38		L	6	A		
	ULLIN, MIS	3705	1960	10			1	0	0		38		L	5	A		
*BENTON N, FRANKLIN, 5-6S, 2E																	
			1941	810	52.3	3807.1	80	0	0	19					A	MIS	3700
	CYPRESS, MIS	2460		100			14	0	0		35		S	17	A		
	PAINT CREEK, MIS	2501	1962	390			14	0	0		38		S	8			
	BETHEL, MIS	2600		#			21	0	0		38	0.15	S	20	AL		
	AUX VASES, MIS	2685		190			15	0	0		39	0.15	S	10	A		

(CONTINUED ON NEXT PAGE)

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
*BENTON N, FRANKLIN, 5-6S, 2E							(CONTINUED FROM PREVIOUS PAGE)								
	OMARA, MIS	2730		460			13	0	0		38	0,70	L 8 A		
	SPAR MTN, MIS	2775		#			8	0	0		36	0,15	S 6 A		
	MCCLOSKY, MIS	2800		#			19	0	0		34		L 10 A		
*BERRY, SANGAMON, 15N, 3W															
			1961	610	8,6	530,5	40	0	0	25				SIL	1827
	DEVONIAN	1743	1962	60			2	0	0		38		S 4		
	SILURIAN	1736	1961	550			38	0	0		38		L 35		
*BERRYVILLE C, WABASH, EDWARDS, RICHLAND, 1-2N, 14W															
			1943	540	95,8	1571,0	30	1	1	7			M	MIS	3636
	OMARA, MIS	2900		540			6	0	0		39		L 6 MC		
	SPAR MTN, MIS	2850		#			13	1	1				L 12 MC		
	MCCLOSKY, MIS	2890		#			12	0	0		36		L 10 MC		
BESSIE, FRANKLIN, 6S, 3E															
	OMARA, MIS	2895	1943	10	2,9	135,3	1	0	0	1	39	0,15	L MC	MIS	3457
BLACK BRANCH, SANGAMON, 15N, 4W															
	SILURIAN	1600	1967	320	41,3	506,9	22	1	0	20	38		S	SIL	1744
BLACK BRANCH E +, SANGAMON, 15N, 4W															
	SILURIAN	1720	1969	10	0,0	2,8	1	0	0	1			L 20	SIL	1755
*BLACKLAND, MACON, CHRISTIAN, 15N, 1E-1W															
	SILURIAN	1935	1953	380	1,1	490,2	41	0	3	5	39		L MU	ORD	3780
BLACKLAND N, MACON, 16N, 1E															
	SILURIAN	1948	1960	230	1,7	240,3	20	0	0	2	39		L M	SIL	2164
BLACK RIVER, WHITE, 4S, 13W															
	CLORE, MIS	1865	1952	10	0,0	36,4	1	0	0	1	36		S	MIS	3071
BLAIRSVILLE R, HAMILTON, 4S, 7E															
			1951	160	0,0	408,3	10	0	1	1			A	MIS	3507
	SPAR MTN, MIS	3345		160			1	0	0				L 6 AC		
	MCCLOSKY, MIS	3405		#			10	0	1		37		L 8 AC		
BLUFORD, JEFFERSON, 2S, 4E															
	MCCLOSKY, MIS	3060	1961	30	3,3	148,4	2	0	0	1	38		O	MIS	3833
BOGOTA, JASPER, 6N, 9E															
			1943	190	1,1	529,0	10	0	0	2			A	MIS	3234
	SPAR MTN, MIS	3090		190			1	0	0				L 4 AC		
	MCCLOSKY, MIS	3110		#			9	0	0		39		L 7 A		
BOGOTA N, JASPER, 6N, 9E															
	MCCLOSKY, MIS	3080	1949	20	0,0	0,0	2	1	0	1	37		L	MIS	3647
				ABD 1950, REV 1973											
BOGOTA S, JASPER, 5-6N, 9E															
	MCCLOSKY, MIS	3075	1944	300	2,9	535,2	23	0	0	3	37		L MC	MIS	3712
BOGOTA W, JASPER, 6N, 9E															
	MCCLOSKY, MIS	3080	1966	10	0,0	0,0	1	0	0	0	37		O	MIS	3655
							ABD 1967								
*BONE GAP C, EDWARDS, 1S, 10-11E, 14W															
			1941	1150	18,7	2497,5	64	0	0	21			A	MIS	3360
	PENNSYLVANIAN	2110		10			1	0	0		32		S 8 AL		
	WALTERSBURG, MIS	2310		170			17	0	0		33		S 20 A		
	CYPRESS, MIS	2710		100			7	0	0		37		S 10 A		
	BETHEL, MIS	2880		60			5	0	0		39		S 14 AL		

(CONTINUED ON NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
*BØNE GAP C, EOWAROS, 1S, 10-11E, 14W							(CØNTINUEO FRØM PREVIØUS PAGE)								
	AUX VASES, MIS	3020		10			1	0	0		36		S 9 AL		
	ØMARA, MIS	3040		860			6	0	0		34		L 5 AC		
	SPAR MTN, MIS	3045		#			5	0	0		35		L 5 AC		
	MCCLØSKY, MIS	3200		#			24	0	0		38	0,33	L 6 AC		
BØNE GAP E, EOWAROS, 1S, 14W															
			1951	20	0,0	13,0	2	0	0	0			M	MIS	3156
	ØMARA, MIS	2980		20		13,0	1	0	0				L 10 MC		
	MCCLØSKY, MIS	3050		#			1	0	0		36		L 5 MC		
				ABO 1956											
BØNE GAP W, EOWAROS, 1S, 10E															
	STE, GEN, MIS	329U	1954	10U	0,0	30,6	5	0	0	4	36		L	MIS	3504
				ABO 1955, WEV 1964											
*BØULOER +, CLINTØN, 2-3N, 2W															
			1941	580	0,0	8120,0	55	0	0	0			0	TRN	3813
	BENØIST, MIS	1190		500			33	0	0		37		S 20 0		
	GENEVA, OEV	2630		470			22	0	0		28	0,33	0 7 R		
	SILURIAN	2700		40			1	0	0		40		L		
				ABO 1965											
BØULOER E +, CLINTØN, 3N, 1W															
	UEVØNIAN	2850	1955	50	16,0	189,8	5	0	0	3	39		L	OEV	2946
*BØURBØN C, UØUGLAS, 15N, 7E															
	SPAR MTN, MIS	1600	1956	1040	8,6	1780,8	91	1	0	26	34		L NC	SIL	2637
BØURBØN S, DØUGLAS, 15N, 7E															
	SPAR MTN, MIS	1693	1960	10	0,0	0,0	1	0	0	0	34		S 1 NC	MIS	1769
				ABU 1964											
BØWYER, RICMLANO, 5N, 14W															
			1958	20	0,0	11,7	2	0	0	0				MIS	2950
	SPAR MTN, MIS	2883	1958	10			1	0	0		36		S X		
	MCCLØSKY, MIS	2876	1971	10			1	0	0				L 5		
				ABO 1967,REV 1971, ABO 1972											
*BØYD, JEFFERSØN, 1S, 1-2E															
			1944	1480	22,8	14802,7	123	1	0	35			A	TRN	5400
	BENØIST, MIS	2060		1450			113	0	U		35	0,14	S 19 A		
	AUX VASES, MIS	2130		640			46	1	U		39		S 15 A		
	ØMARA, MIS	2230		30			24	0	0		39		L 2 AC		
	TRENTØN	5000	1967	60			4	0	0				X		
BRØUGMTØN, HAMILTØN, 6S, 7E															
	MCCLØSKY, MIS	3275	1951	10	0,0	5,7	1	0	0	0	37		L	MIS	3355
				ABO 1954											
BRØUGMTØN S, SALINE, 7S, 7E															
	MCCLØSKY, MIS	3215	1951	1U	0,0	0,0	1	0	0	0	38		L	MIS	3300
				ABO 1952											
*BRØWN, MARIØN, 1N, 1E															
	CYPRESS, MIS	1670	1910	120	4,6	142,3	12	0	0	10	36		S N	MIS	2036
*BRØWNS, EOWAROS, WABASM, 1-2S, 14W															
			1943	1060	35,5	2638,7	68	0	0	32			A	OEV	5200
	BIEML, PEN	1870	1962	10			1	0	0		32		S 8		
	TAR SPRINGS, MIS	2365		40			1	0	0		36		S 14 AL		
	CYPRESS, MIS	2640		380			25	0	0		36	0,18	S 13 A		
	BETMEL, MIS	2785		80			5	0	0		35		S 12 AL		
	AUX VASES, MIS	2965		10			1	0	0		36		S 7 AL		
	ØHARA, MIS	2965		770			13	0	0		34		L 4 AC		
	SPAR MTN, MIS	2975		#			1	0	0				L 3 AC		
	MCCLØSKY, MIS	3000		#			35	0	0		38		L 6 A		
*BRØWNS E, WABASH, 1-2S, 14W															
			1946	800	13,4	2915,8	73	0	1	20				MIS	3113
	PENNSYLVANIAN	1844	1963	10			1	0	0		32		S X		
	CYPRESS, MIS	2570	1946	790			72	0	1		36		S 13 ML		

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of dis-cov-ery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Com-pleted to end of 1973	Com-ple-ted in 1973	Aban-doned 1973	Pro-ducing end of year	Gr. °API	Sul-fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
BROWNS S, EDWARDS, 2S, 14W															
			1943	40	3,7	43,5	4	0	0	1			N	MIS	3095
	BETHEL, MIS	2850		20			2	0	0		38		S 15 NL		
	AUX VASES, MIS	2950		30			4	0	0		36		S 8 NL		
				ABD 1968, REV 1970											
BRUBAKER, MARION, 3N, 3E															
	DEVONIAN	3820	1973	40	4,0	4,0	2	2	0	2	34		L 1	SIL	5200
BUCKHORN, BROWN, 1S, 4W															
	SILURIAN	682	1961	30	0,0	0,0	3	2	0	2	37		D	SIL	700
				ABD 1964											
BUCKNER, FRANKLIN, 6S, 2E															
	AUX VASES, MIS	2601	1963	80	4,9	61,2	6	0	0	5	38		S	MIS	3060
BULPITT S, CHRISTIAN, 13N, 3W															
	DEV-SIL	1911	1962	60	0,0	3,4	4	0	0	0	38		L 1	OVS	1990
							ABD 1969								
*BUNGAY C, HAMILTON, 4S, 7E															
			1941	3260	108,8	13969,3	254	0	7	78			A	DEV	5566
	RENAULT, MIS	3270		550			22	0	0		38		S 10 AL		
	AUX VASES, MIS	3295		2740			195	0	7		39	0,24	S 15 AL		
	OHARA, MIS	3335		320			4	0	0				L 8 AC		
	SPAR MTN, MIS	3400		#			3	0	0				L 8 AC		
	MCCLOSKY, MIS	3425		#			15	0	0		36	0,24	L 8 AC		
	ULLIN, MIS	4190	1959	10			1	0	0		38		L 10 AC		
BURNT PRAIRIE S, WHITE, 4S, 9E															
			1947	30	0,3	29,8	4	0	0	1				MIS	3565
	AUX VASES, MIS	3330		10	0,3	12,8	1	0	0		37		S 24		
	OHARA, MIS	3415		30	0,0	10,0	1	0	0		38		L 6		
	MCCLOSKY, MIS	3460		#	0,0	7,0	2	0	0				L 4		
CALHOUN CEN, RICHLAND, 2N, 10E															
			1950	30	0,0	0,5	3	0	0	0			M	MIS	3533
	SPAR MTN, MIS	3245		30			2	0	0				L 6 MC		
	MCCLOSKY, MIS	3280		#			1	0	0		37		L 3 MC		
				ABD 1952, REV AND ABD 1959											
*CALHOUN C, RICHLAND, WAYNE, 2-3N, 9-10E															
			1944	1920	13,0	4051,0	105	1	0	12			A	MIS	4039
	OHARA, MIS	3140		1920			22	0	0		39		OL 9 A		
	SPAR MTN, MIS	3160		#			25	1	0		37		OL 6 A		
	MCCLOSKY, MIS	3180		#			62	0	0		39	0,15	OL 10 A		
	ST LOUIS, MIS	3370	1967	10			1	0	0		39		L 9		
	SALEM, MIS	3730	1967	10			1	0	0		39		L 8		
*CALHOUN E, RICHLAND, 2N, 10-11E															
	MCCLOSKY, MIS	3265	1950	150	3,5	326,8	9	0	0	5	39		L MC	MIS	3380
CALHOUN N, RICHLAND, 3N, 10E															
			1944	60	0,0	81,6	3	0	0	1			A	MIS	3280
	SPAR MTN, MIS	3155		60			1	0	0				LS 10 A		
	MCCLOSKY, MIS	3170		#			3	0	0		36		OL 11 A		
*CALHOUN S, WAYNE, RICHLAND, EDWARDS, 1-2N, 9E															
			1953	540	13,7	622,7	30	0	0	17				MIS	3666
	AUX VASES, MIS	3175	1953	20			2	0	0		38		L 5		
	OHARA, MIS	3232	1963	520			4	0	0				L 8		
	SPAR MTN, MIS	3224	1962	#			13	0	0				L 5		
	MCCLOSKY, MIS	3209	1961	#			20	0	0		37		OL 6		
				ABD 1953, REV 1961											
CARLINVILLE +, MACOUPIN, 9N, 7W															
			1900	0	0,0	0,0	0	0	0	0					0
	UNNAMED, PEN	380	1909	40			8	0	0	3	28		S X A	MIS	1380
				ABD 1925, REV 1942											
CARLINVILLE N +, MACOUPIN, 10N, 7W															

(CONTINUED ON NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
CARLINVILLE N *, MACOUPIN, 10N, 7W							(CONTINUED FROM PREVIOUS PAGE)								
	POTTSVILLE, PEN	440	1941	100	0,0	1,0	16	0	0	0	20	0,35	S 10	TRN	1970
				ABD 1954											
CARLINVILLE S, MACOUPIN, 9N, 7W															
	PENNSYLVANIAN	539	1958	10	0,0	0,0	1	0	0	0	26		S X	PEN	1020
				ABD 1964											
*CARLYLE, CLINTON, 2N, 3W															
			1911	1230	14,5	4106,6	190	0	0	21			A	STP	4120
	GOLCONDA, MIS	900		10			6	0	0		35		L 10 AC		
	CARLYLE(CYP), MIS	1035		1230			185	0	0		35	0,26	S 20 AL		
CARLYLE E, CLINTON, 2N, 2W															
	BENOIST, MIS	1197	1963	10	0,0	0,0	1	0	0	0	34		S	MIS	1245
				ABD 1972											
*CARLYLE N, CLINTON, 3N, 3W															
	BENOIST, MIS	1150	1950	530	17,6	857,0	45	0	0	33	34		S AL	DEV	2558
CARLYLE S, CLINTON, 1N, 3W															
	CYPRESS, MIS	1075	1951	20	0,0	2,0	2	0	0	0	35		S	MIS	1194
				ABD 1953											
*CARMI, WHITE, 5S, 9E															
			1939	250	5,9	384,2	21	0	1	4			M	MIS	3546
	PENNSYLVANIAN	1210		10			1	0	0		32		S 10 ML		
	CYPRESS, MIS	2800		100			8	0	0		37		S 15 ML		
	AUX VASES, MIS	3145		50			5	0	1		36		S 8 ML		
	MCCLOSKY, MIS	3150		110			8	0	0		35		OL 6 MC		
				ABD 1949, REV 1952											
CARMI N, WHITE, 5S, 9E															
			1942	80	2,6	286,0	6	0	0	3			A	MIS	3452
	CYPRESS, MIS	2940		20			1	0	0		38		S 13 AF		
	SAMPLE, MIS	3080		10			1	0	0		37		S 12 AF		
	AUX VASES, MIS	3270		60			5	0	0		36	0,14	S 14 AF		
*CASEY, CLARK, 10-11N, 14W															
			1906	3030	X	X	511	0	0	228			AM	TRN	2608
	UPPER GAS, PEN	265		2720			43	0			32		S X AM		
	LOWER GAS, PEN	300		#			86	0			30		S X AM		
	CASEY, PEN	445		#			372	0			35		S 10 AM		
	CARPER, MIS	1300		250			20	0			38		S 50 AM		
				SEE CLARK COUNTY DIV FOR PRODUCTION											
*CENTERVILLE, WHITE, 4S, 9E															
			1940	190	0,8	529,8	13	0	0	0			N	MIS	3919
	AUX VASES, MIS	3240		10			1	0	0		37		S 6 NL		
	OHARA, MIS	3310		190			6	0	0		38		L 10 NC		
	SPAR MTN, MIS	3370		#			2	0	0				L X NC		
	MCCLOSKY, MIS	3370		#			6	0	0		37	0,17	OL 4 NC		
				ABD 1972											
*CENTERVILLE E, WHITE, 3-4S, 9-10E															
			1941	1260	68,6	8227,2	135	0	0	59			A	MIS	3427
	PALESTINE, MIS	2225		20			2	0	0		35		S 3 AL		
	TAR SPRINGS, MIS	2500		820			35	0	0		38	0,20	S 24 AL		
	HARDINSBURG, MIS	2615		40			1	0	0		36		S 22 AL		
	CYPRESS, MIS	2915		630			46	0	0		37		S 6 AL		
	BETHEL, MIS	2990		220			20	0	0		38		S 20 ALF		
	AUX VASES, MIS	3075		530			38	0	0		36		S 21 ALF		
	OHARA, MIS	3175		320			4	0	0		36		OL 5 ACF		
	SPAR MTN, MIS	3185		#			1	0	0				LS 6 ACF		
	MCCLOSKY, MIS	3230		#			16	0	0		37		OL 7 ACF		
CENTERVILLE N, WHITE, 3S, 10E															
	BETHEL, MIS	2990	1947	10	0,0	0,0	1	0	0	0	38		S 1 ML	MIS	3332
				ABD 1948											
CENTERVILLE N E, WHITE, 3S, 10E															
	BETHEL, MIS	3055	1955	10	0,0	5,6	1	0	0	0	38		S 1	MIS	3407
				ABD 1959											

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
*CENTRAL CITY, MARION, 1N, 1E															
	PENNSYLVANIAN	826	1964	90	7,4	51,7	9	0	0	8	33		S	MIS	1942
*CENTRALIA, CLINTON, MARION, 1-2N, 1E, 1W															
			1937	2980	286,4	56654,5	1021	0	0	263			A	ORO	4170
	PETRO, PEN	765	1958	30			4	0	0		32		S X A		
	CYPRESS, MIS	1200		1530			57	0	0		37	0,20	S 12 A		
	BENOIST, MIS	1355		2510			577	0	0		38	0,17	S 20 A		
	DEVONIAN	2870		2610			319	0	0		37	0,38	L 9 A		
	TRENTON, ORO	3930		1100			59	0	0		40		L 22 A		
CENTRALIA W, CLINTON, 1N, 1W															
			1940	90	1,0	415,9	10	0	0	1			N	DEV	3021
	CYPRESS, MIS	1308	1960	10			1	0	0		35		S 4 N		
	BENOIST, MIS	1440	1940	90			9	0	0		38	0,17	S 9 N		
CHESTERVILLE, DOUGLAS, 15N, 7E															
	SPAR MTN, MIS	1780	1956	50	0,0	35,0	5	0	0	1	37		L 8 ML	MIS	1829
*CHESTERVILLE E, DOUGLAS, 14-15N, 7-8E															
	SPAR MTN, MIS	1720	1957	400	3,9	1164,0	41	0	2	19	39		S NC	MIS	1785
CHRISTOPHER S, FRANKLIN, 7S, 1E															
			1964	30	0,0	9,9	3	0	0	0				MIS	2820
	AUX VASES, MIS	2620	1964	30			3	0	0		38		S 8		
	OMARA, MIS	2690	1964	10			1	0	0		37		L 10		
							ABD 1969								
CLAREMONT+,RICMLAND, 3N, 14W															
			1969	100	0,0	20,2	8	0	1	1				MIS	3335
	SPAR MTN, MIS	3200	1970	100			5	0	0				S 5		
	MCCLOSKY, MIS	3218	1969	#			3	0	1				L 4		
CLARK COUNTY DIV, CLARK, COLES, CRAWFORD, CUMBERLAND, JASPER															
			1900	26810	285,3	84905,6	5731	1	25	1696				ORO	4519
				TOTALS BELLAIR CASEY JOHNSON N,S MARTINSVILLE SIGGINS WESTFIELD YORK POOLS											
CLARKSBURG, SHELBY, 10N, 4E															
	AUX VASES, MIS	1770	1946	40	4,2	65,3	4	0	0	3	36		S A	DEV	3206
*CLAY CITY C, CLAY, WAYNE, RICMLAND, JASPER, 1-7N, 1-2S, 6-11E															
			1937	90970	3664,2	297496,0	6013	44	72	2251			A	PC	11614
	WALTERSBURG, MIS	2175		10			1	0	0		36		S 6 AL		
	TAR SPRINGS, MIS	2560		130			8	0	0		38		S 15 AL		
	CYPRESS, MIS	2635		7970			561	0	7		36		S 15 AL		
	BETHEL, MIS	2800		210			19	0	0		39		S 15 AL		
	AUX VASES, MIS	2940		29760			2014	20	36		38		S 15 AL		
	OMARA, MIS	3020		63520			232	0	5		38		OL 5 AC		
	SPAR MTN, MIS	3030		#			612	5	7		38		LS 8 AC		
	MCCLOSKY, MIS	3050		#			2971	14	26		39		OL 10 AC		
	ST, LOUIS, MIS	3025	1949	2470			216	2	3		39		L 3 A		
	SALEM, MIS	3590		2620			197	6	0		38		L 10 A		
	ULLIN, MIS	3600		30			3	0	0		40		L 17 A		
	DEVONIAN	4350		20			1	0	0		39		L 10 A		
CLEAR LAKE E,SANGAMON, 16N,4W															
	SILURIAN	1596	1970	40	1,9	11,3	2	0	0	2	25		L	SIL	1653
CLIFFORD, WILLIAMSON, 8S, 1E															
			1957	40	0,0	15,0	2	0	0	0				MIS	2625
	AUX VASES, MIS	2380	1957	40			2	0	0		38		S 7		
	SPAR MTN, MIS	2470	1957	20			1	0	0				LS 7		
	MCCLOSKY, MIS	2540	1957	#			1	0	0		38		L 5		
				ABD 1965											
*COIL, WAYNE, 1S, 5E															
			1942	390	151,2	2660,8	26	0	0	15			A	MIS	3250
	AUX VASES, MIS	2910		310			21	0	0		39	0,12	S 10 A		
	MCCLOSKY, MIS	3065		10			1	0	0		38		OL 15 AC		
	ST LOUIS, MIS	3021		100			6	0	0				L 9		

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of dis-covery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Com-pleted to end of 1973	Com-ple-ted in 1973	Aban-doned 1973	Pro-ducing end of year	Gr. °API	Sul-fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
COIL N, WAYNE, 1N-1S, 5E															
	AUX VASES, MIS	2841	1958	60	4,8	212,7	6	0	0	3	39		S	MIS	3077
*COIL W, JEFFERSON, 1S, 4E															
			1942	460	68,1	1071,4	40	2	0	15			A	MIS	3666
	AUX VASES, MIS	2720		180			15	0	0		39		S 15 AL		
	OHARA, MIS	2790		220			11	0	0				L 7 AC		
	SPAR MTN, MIS	2805		#			2	0	0				L X AC		
	MCCLOSKY, MIS	2880		#			13	0	0		38		L 8 AC		
	ST LOUIS, MIS	3040	1967	160			15	1	0		39		L 7		
	SALEM, MIS	3346	1961	50			3	2	0		37		L 10 A		
COLLINSVILLE, MADISON, 3N, 8W															
	SILURIAN	1305	1909	40 ABD 1921	0,0	1,0	6	0	0	0	37		L 2 ML	STP	2177
*COLMAR-PLYMOUTH, HANCOCK-MCDONOUGH, 4-5N, 4-5W															
	HOING, DEV	450	1914	2520	35,0	4846,3	505	0	2	79	35	0,38	S AL	SHK	1095
*CONCORD C, WHITE, 6S, 10E															
			1942	1840	22,5	8083,1	167	0	5	51			A	MIS	3138
	TAR SPRINGS, MIS	2270		350			26	0	0		36		S 11 AL		
	HARDINSBURG, MIS	2510		350			30	0	3		36		S 7 A		
	CYPRESS, MIS	2625		270			19	0	2		38		S 10 AL		
	AUX VASES, MIS	2905		670			49	0	0		36	0,15	S 14 AL		
	OHARA, MIS	2930		1080			2	0	0				L 8 AC		
	SPAR MTN, MIS	3035		#			3	0	0				L 8 AC		
	MCCLOSKY, MIS	2990		#			56	0	0		37		L 10 AC		
CONCORD E C, WHITE, 6-7S, 10E															
			1942	420	7,0	871,1	39	0	0	16			A	MIS	3125
	WALTERSBURG, MIS	2140		40			4	0	0		33		S 10 A		
	TAR SPRINGS, MIS	2175		70			5	0	0		36		S 4 A		
	CYPRESS, MIS	2540		190			18	0	0		38		S 6 A		
	RENAULT, MIS	2800		20			2	0	0		36		L 6 A		
	AUX VASES, MIS	2825		70			7	0	0		36		S 12 A		
	OMARA, MIS	2895		120			3	0	0				L 6 AC		
	SPAR MTN, MIS	2895		#			5	0	0				S 5 AC		
	MCCLOSKY, MIS	2965		#			3	0	0		37		L 2 AC		
*COOKS MILLS C +, COLES, DOUGLAS, 13-14N, 7-8E															
			1941	3090	18,8	3010,7	247	0	0	105			A	DEV	3059
	CYPRESS, MIS	1600		10			1	0	0		39		S 20 A		
	AUX VASES, MIS	1765		10			2	0	0		36		S 15 A		
	SPAR MTN, MIS	1800		3040			240	0	0		37		S 9 A		
	MCCLOSKY, MIS	1840	1955	#			1	0	0				L 4 A		
	CARPER, MIS	2700	1963	20			1	0	0		38		S 5		
	DEVONIAN	2867	1963	30			3	0	0		37		L 3		
*CORDES, WASHINGTON, 3S, 3W															
	BENOIST, MIS	1260	1939	1630	81,6	9924,0	155	0	1	41	36	0,19	S A	TRN	3880
CORINTH, WILLIAMSON, 8S, 4E															
			1957	190	103,4	361,6	14	0	0	13				MIS	3550
	AUX VASES, MIS	2885		180			13	0	0		38		S 10		
	OHARA, MIS	2929		40			1	0	0		38		L X		
	SPAR MTN, MIS	2985	1957	#			2	0	0		38		L 10		
CORINTH E, WILLAIMSON, 8S, 4E															
	MCCLOSKY, MIS	3035	1957	10 ABD 1960	0,0	10,6	1	0	0	0	38		L 1	MIS	3113
CORINTH N, WILLIAMSON, 8S, 4E															
	AUX VASES, MIS	2935	1957	10 ABD 1960	0,0	3,7	1	0	0	0	36		S 1	MIS	3180
CORINTH S, WILLIAMSON, 9S, 4E															
	CYPRESS, MIS	2350	1972	10	0,2	2,9	1	0	0	1			S	MIS	2820
COTTAGE GROVE, SALINE, 9S, 7E															

(CONTINUED ON NEXT PAGE)

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbl): During 1973	Oil production (M bbl): To end of 1973	Number of wells: Completed to end of 1973	Number of wells: Completed in 1973	Number of wells: Abandoned 1973	Number of wells: Producing end of year	Character of oil: Gr. °API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure			Deepest test: Zone	Deepest test: Depth (ft)
CØTTAGE GRØVE, SALINE, 9S, 7E	(CØNTINUED FRØM PREVIØUS PAGE)																
	ØMARA, MIS	2770	1955	10	0.0	12.5	1	0	0	0	38		L	X		MIS	2977
				ABD 1963													
CØULTERVILLE N, WASHINGTØN, 3S, 5W																	
	SILURIAN	2290	1958	50	0.6	31.7	5	0	0	3	42		L			ØRD	3204
*CØVINGTØN S, WAYNE, 2S, 6E																	
			1943	510	8.8	444.1	18	0	0	2					AC	DEV	5300
	MCCLØSKY, MIS	3310	1943	420			12	0	0		34	0.18	L	5	AC		
	ST, LØUIS, MIS	3361	1962	10			1	0	0		36		L	4			
	ULLIN, MIS	4148	1960	80			5	0	0		36		L	12	AC		
CRAIG, PERRY, 4S, 4W																	
	TRENTØN, ØRD	3650	1948	10	0.0	2.9	2	0	0	0	35		L	20	A	ØRD	3735
				ABD 1951, REV 1965, ABD 1967													
CRAVAT, JEFFERSØN, 1S, 1E																	
	BENØIST, MIS	2070	1939	120	1.2	378.5	11	0	0	6	34	0.23	S		A	DEV	3850
CRAVAT W, JEFFERSØN, 1S, 1E																	
			1956	140	2.0	127.8	15	0	0	14						MIS	2382
	PENNSYLVANIAN	1045	1956	130	2.0	127.8	14	0	0		33		S	10			
	BETHEL, MIS	2070	1960	10	0.0	0.0	1	0	0				S	10			
CRØSSVILLE, WHITE, 4S, 10E																	
			1946	110	0.0	16.0	11	0	0	0					M	MIS	3283
	BETHEL, MIS	2880		40			3	0	0		38		S	9	ML		
	AUX VASES, MIS	3030	1956	30			3	0	0		37		S	20	ML		
	ØMARA, MIS	3100		80			1	0	0				L	3	MC		
	MCCLØSKY, MIS	3120		#			4	0	0		38		L	5	MC		
				ABD 1952, REV 1956, ABD 1958													
*CRØSSVILLE W, WHITE, 4S, 10E																	
			1952	240	9.7	369.9	17	1	0	3					M	MIS	3292
	CYPRESS, MIS	2810	1973	10			1	1					S	18			
	AUX VASES, MIS	3030		130			9	0	0		35		S	8	ML		
	ØMARA, MIS	3110	1958	150		.	1	0	0		37		L	X	M		
	SPAR MTN, MIS	3150	1958	#			3	1	0				L	X	M		
	MCCLØSKY, MIS	3185	1956	#			7	0	0		38		L	X	MC		
				ABD 1953, REV 1956													
DAHLGREN, HAMILTØN, 3S, 5E																	
			1941	620	0.6	1210.0	45	0	0	2					A	DEV	5299
	MCCLØSKY, MIS	3300		620	0.6	1208.4	44	0	0		37	0.16	L	11	A		
	ULLIN, MIS	4110	1956	10		2.0	1	0	0		39		L	15	A		
DAHLGREN W, JEFFERSØN, 4S, 4E																	
	ULLIN, MIS	4019	1960	20	0.0	30.5	2	0	0	0	38		L			DEV	5245
				ABD 1966													
*DALE C, FRANKLIN, HAMILTØN, SALINE, 5-7S, 4-7E																	
			1940	18370	719.9	97903.3	1608	0	38	507					A	PC	13051
	TAR SPRINGS, MIS	2430		480			41	0	0		33		S	25	A		
	HARDINSBURG, MIS	2480		120			12	0	0		38		S	10	A		
	CYPRESS, MIS	2700		1530			123	0	2		39		S	15	A		
	BETHEL, MIS	2975		3450			284	1	0		38	0.19	S	18	A		
	AUX VASES, MIS	3150		16530			1304	0	32		37	0.15	S	20	A		
	ØMARA, MIS	3110		3760			107	0	0		38	0.22	L	10	A		
	SPAR MTN, MIS	3130		#			14	0	0		38		LS	7	A		
	MCCLØSKY, MIS	3150		#			146	0	5		36	0.19	L	7	A		
	ST. LØUIS, MIS	3163	1965	60			6	0	0		39		L	X			
DAWSØN, SANGAMØN, 16N, 3W																	
	SILURIAN	1636	1971	10	0.0	0.0	1	0	0	0			L	1		SIL	1705
				ABD 1972													
DECATUR, MACØN, 16-17N, 2E																	
	SILURIAN	2000	1953	110	0.0	15.0	6	0	0	0	37		L		MU	ØRD	2800
				ABD 1959													
DECATUR N, MACØN, 17N, 3E																	

(CØNTINUED ØN NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of dis-cov-ery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Com-pleted to end of 1973	Com-ple-ted in 1973	Aban-doned 1973	Pro-ducing end of year	Gr. °API	Sul-fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
DECATUR N, MACON, 17N, 3E							(CONTINUED FROM PREVIOUS PAGE)								
	SILURIAN	2200	1954	10 ABD 1955	0.0	0.1	1	0	0	0	38		L MU	SIL	2240
*DEERING CITY, FRANKLIN, 7S, 5E															
			1957	110	6.1	310.9	8	0	0	7				MIS	3146
	AUX VASES, MIS	2810	1957	80			6	0	0		38		S 20		
	MCCLOSKY, MIS	2913	1963	30			2	0	0		34		OL 4		
*DIVIDE C, JEFFERSON, 1S, 3-4E															
			1943	3770	198.4	10501.2	257	0	3	138			A	DEV	4700
	AUX VASES, MIS	2620		170			10	0	0		38		S 10 AL		
	OHARA, MIS	2700		2570			8	0	0				L 10 AC		
	SPAR MTN, MIS	2700		#			20	0	0		38		LS 6 A		
	MCCLOSKY, MIS	2750		#			156	0	2		37	0.21	L 6 AC		
	ST. LOUIS, MIS	2840	1955	250			26	0	0		37		L 7 AC		
	SALEM, MIS	3190	1960	1190			80	0	1		37		L 10 AC		
DIVIDE S, JEFFERSON, 2S, 3-4E															
	MCCLOSKY, MIS	2880	1948	300	0.8	496.4	16	0	0	3	34		L	MIS	3575
DIX S, JEFFERSON, 1S, 2E															
	BENOIST, MIS	1950	1941	20 ABD 1946	0.0	13.4	2	0	0	0	35		S N	MIS	2283
*DOLLVILLE, SHELBY, 12N, 2E															
	BETHEL, MIS	1509	1961	90	0.3	33.5	5	0	0	3	35		S	MIS	1600
DUBOIS CEN, WASHINGTON, 3S, 1W															
			1954	130	7.3	216.0	12	0	1	8				DEV	3100
	BENOIST, MIS	1335	1955	110			12	0	1		30		S 12		
	SPAR MTN, MIS	1530	1954	70			3	0	0		35		L 8		
*DUBOIS C, WASHINGTON, 3S, 1-2W															
			1939	1470	61.8	2026.8	120	3	0	96			A	ORD	4217
	CYPRESS, MIS	1230		1060			82	3	0		37		S 10 AL		
	BENOIST, MIS	1325		460			40	0	0		30	0.26	S 10 AL		
*DUDLEY, EDGAR, 13-14N, 13W															
			1948	780	112.1	1865.9	108	5	0	93			M	STP	2997
	UPPER DUDLEY, PEN	310		780			24	0	0		25		S 20 ML		
	LOWER DUDLEY, PEN	410		#			84	5	0		24		S 50 ML		
DUDLEYVILLE E, BOND, 4-5N, 2-3W															
	DEVONIAN	2370	1954	20 ABD 1961	0.0	2.8	2	0	0	0	37		L	ORD	3397
DUPO, ST. CLAIR, 1N, 10W															
	TRENTON, ORD	700	1928	880	3.7	2906.4	321	0	0	26	33	0.70	L A	CAM	3111
EBERLE, EFFINGHAM, 6N, 6E															
			1947	160	0.0	112.9	10	1	0	1			N	MIS	2882
	CYPRESS, MIS	2475		70			4	1	0		37		S 10 NL		
	SPAR MTN, MIS	2680		110			2	0	0				LS 5 NC		
	MCCLOSKY, MIS	2820		# ABD 1967			4	0	0		38		L 7 N		
EDINBURG, CHRISTIAN, 14N, 5W															
	LINGLE, DEV	1810	1949	10 ABD 1951	0.0	0.0	1	0	0	0	38		L A	DEV	1853
EDINBURG S, CHRISTIAN, 14N, 3W															
	HIBBARD, DEV	1795	1955	20 ABD 1963	0.0	4.4	2	0	0	0	39		L S1	SIL	1902
*EDINBURG W, CHRISTIAN, SANGAMON, 14N, 3-4W															
			1954	1700	44.4	2809.9	124	0	1	70			A	ORD	2285
	DEVONIAN	1660		60			7	0	0		41		S 6 A		
	SILURIAN	1690		1660			119	0	1		41		L 8 A		

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
ELBA, GALLATIN, 8S, 8E			1955	210	0.0	25.0	13	0	0	0				MIS	2991
	CYPRESS, MIS	2617	1958	10			1	0	0		37		S		
	BETHEL, MIS	2660		80			3	0	0		36		S 10		
	RENAULT, MIS	2770		10			1	0	0		36		L 3		
	AUX VASES, MIS	2780		120			5	0	0		38		S 5		
	OHARA, MIS	2820	1955	40			3	0	0		38		L 11		
				ABD 1960											
*ELBRIDGE, EDGAR, 12-13N, 11W			1949	440	0.0	1498.4	40	0	0	19			D	TRN	3300
	PENNSYLVANIAN	760		10			2	0	0		30		S 3 D		
	FREDONIA, MIS	950		430			37	0	0		35		L 3 D		
	DEVONIAN	1950	1949	20			2	0	0		37		L 20 D		
*ELDORADO C +, SALINE, 8S, 6-7E			1941	3490	132.0	11444.9	292	0	13	99			A	MIS	3606
	PALESTINE, MIS	1920		390			26	0	4		36		S 20 AL		
	WALTERSBURG, MIS	2125		1930			144	0	1		38		S 25 AL		
	TAR SPRINGS, MIS	2200		260			19	0	2		37		S 15 AL		
	HARDINSBURG, MIS	2350		290			30	0	4		38		S 8 AL		
	CYPRESS, MIS	2575		270			19	0	0		37		S 8 AL		
	SAMPLE, MIS	2680		70			6	0	0		37		S 18 AL		
	BENOIST, MIS	2778	1962	#			1	0	0				S 10		
	AUX VASES, MIS	2900		900			65	0	2		37		S 12 AL		
	OHARA, MIS	2900		90			3	0	0				L 5 AC		
	SPAR MTN, MIS	2900		#			2	0	0				LS 4 AC		
	MCCLOSKY, MIS	2975		#			2	0	0		39	0.14	L 5 AC		
*ELDORADO E +, SALINE, 8S, 7E			1953	430	7.6	408.1	30	0	0	9			A	MIS	3666
	PALESTINE, MIS	1915		30			2	0	0		36		S 10 AL		
	TAR SPRINGS, MIS	2190		40			3	0	0		35		S 10 AL		
	CYPRESS, MIS	2515		80			5	0	0		37		S 20 AL		
	AUX VASES, MIS	2885		340			20	0	0		38		S 6 AL		
	SPAR MTN, MIS	2975		10			1	0	0		38		L 4 AC		
ELDORADO W +, SALINE, 8S, 6E			1955	50	0.0	46.0	6	0	0	1				MIS	3138
	PALESTINE, MIS	1940	1956	40			3	0	0		30		S 18		
	RENAULT, MIS	2910	1955	20			2	0	0		37		L 6		
	AUX VASES, MIS	2960		20			2	0	0		38		L 6		
ELK PRAIRIE, JEFFERSON, 4S, 2E			1938	20	0.0	41.1	2	0	0	0				MIS	3470
	MCCLOSKY, MIS	2735	1938	20			2	0	0		37		L 7		
	SALEM, MIS	3076	1960	10			1	0	0		37		L 8		
				ABD 1940, REV 1960, ABD 1970											
ELKTON, WASHINGTON, 2S, 4W	BAILEY, DEV	2340	1955	40	0.0	2.6	2	0	0	0	40		L 3	DEV	2485
				ABD 1960											
ELKTON N, WASHINGTON, 2S, 4W	HARDIN, DEV	2320	1971	120	14.9	40.8	7	1	0	7			S	ORD	3275
ELKVILLE, JACKSON, 7S, 1W	BENOIST, MIS	2000	1941	10	0.0	4.0	1	0	0	1	36	0.22	S 10	MIS	2387
*ELLERY E, EDWARDS, 2S, 10E			1952	340	6.3	956.1	28	1	0	4			M	MIS	3823
	AUX VASES, MIS	3180		210			16	1	0		39		S 35 ML		
	OHARA, MIS	3255		190			11	0	0		37		L 6 MC		
	SPAR MTN, MIS	3255		#			3	0	0				L 4 MC		
ELLERY N, EDWARDS, WAYNE, 2S, 9-10E			1942	110	6.0	48.7	9	1	0	3			M	MIS	3496
	BETHEL, MIS	3100		20			2	0	0				S 35 ML		
	AUX VASES, MIS	3230		10			1	0	0				S 12 ML		
	OHARA,MIS	3300	1972	90			2	1	0				L 4		
	SPAR MTN, MIS	3345		#			4	0	0				S 8 ML		
	MCCLOSKY, MIS	3420		#			2	0	0		37	0.19	L 7 MC		
	ST LOUIS, MIS	3438		10			1	0	0				L 6		
				ABD 1943, REV AND ABD 1951, REV 1954											

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of dis-cov-ery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Com-pleted to end of 1973	Com-ple-ted in 1973	Aban-doned 1973	Pro-ducing end of year	Gr. °API	Sul-fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
ELLERY S, EDWARDS, 2-3S, 10E															
			1943	90	0,0	173,0	9	0	0	0			M	MIS	3434
	AUX VASES, MIS	3200		30		35,0	5	0	0		36		S 15 ML		
	MCCLOSKY, MIS	3300		60		138,0	4	0	0		38		L 9 MC		
				ABD 1952, REV 1953, ABD 1959, REV AND ABD 1960											
ELLIOTTSTOWN, EFFINGHAM, 7N, 7E															
	SPAR MTN, MIS	2730	1947	10	0,0	13,7	1	0	0	0	39		S ML	MIS	2884
				ABD 1951											
ELLIOTTSTOWN E, EFFINGHAM, 7N, 7E															
			1954	90	4,9	112,2	7	0	0	1				MIS	3292
	CYPRESS, MIS	2485	1954	10			1	0	0		35		S 5 ML		
	SPAR MTN, MIS	2750	1962	80			3	0	0				L 10		
	MCCLOSKY, MIS	2771	1962	#			3	0	0		37		L 8		
				ABD 1956, REV 1962											
*ELLIOTTSTOWN N, EFFINGHAM, 7N, 7E															
			1953	310	0,7	255,2	19	0	0	16				MIS	3100
	CYPRESS, MIS	2430	1953	20			2	0	0		36		S 4 ML		
	AUX VASES, MIS	2710	1966	10			1	0	0		37		S 2		
	SPAR MTN, MIS	2666	1964	270			2	0	0				L 3		
	MCCLOSKY, MIS	2738	1964	#			14	0	0		37		OL 17		
				ABD 1958, REV 1964											
*ENERGY,WILLIAMSON,9S,2E															
	AUX VASES, MIS	2354	1968	110	17,5	135,6	9	0	0	9			S	MIS	2694
*ENFIELD, WHITE, 5S, 8E															
			1950	380	1,8	1022,1	22	0	0	5			A	MIS	4259
	AUX VASES, MIS	3250		220			13	0	0		39		S 10 AL		
	OMARA, MIS	3310		160			4	0	0				L 4 AC		
	MCCLOSKY, MIS	3385		#			5	0	0		37		L 8 AC		
				ABD 1951, REV 1952											
ENFIELD S, WHITE, 6S, 8E															
			1961	30	0,0	0,0	2	0	0	0				MIS	3314
	AUX VASES, MIS	3174	1961	10			1	0	0		39		S 2		
	MCCLOSKY, MIS	3277	1961	30			2	0	0		38		L 6		
				ABD 1963											
EVERS, EFFINGHAM, 8N, 7E															
			1948	70	0,7	111,9	5	0	0	2			A	MIS	2808
	SPAR MTN, MIS	2610		70			3	0	0		39		L 7 AL		
	MCCLOSKY, MIS	2660		#			2	0	0				L 4 AC		
				ABD 1949, REV 1953											
EVERS S, EFFINGHAM, 7N, 7E															
	SPAR MTN, MIS	2650	1948	10	0,0	2,4	1	0	0	0	38		L S AC	MIS	2783
				ABD 1951											
EWING, FRANKLIN, 5S, 3E															
			1944	170	0,0	514,4	8	0	0	0			A	MIS	3877
	AUX VASES, MIS	2835		10			1	0	0		37		S 8 AL		
	MCCLOSKY, MIS	2970		160			7	0	0		39		L 7 A		
				ABD 1971											
EWING E, FRANKLIN, 5S, 3E															
	OMARA, MIS	3010	1956	10	0,0	0,0	1	0	0	0	38		L 1	MIS	3292
				ABD 1965											
EXCHANGE, MARION, 1N, 3E															
			1943	30	0,0	68,3	2	0	0	0			M	MIS	2869
	OMARA, MIS	2695		30			1	0	0		37		L 10 MC		
	MCCLOSKY, MIS	2730		#			2	0	0		37		L 8 MC		
				ABD 1967											
*EXCHANGE E, MARION, 1N, 4E															
			1955	230	1,2	524,9	16	0	1	3				MIS	3006
	OMARA, MIS	2775	1955	220			1	0	0				L 14		
	SPAR MTN, MIS	2780		#			7	0	1		37		S 11		
	MCCLOSKY, MIS	2840		#			6	0	0				L 4		
	ST, LOUIS, MIS	2940	1955	10			1	0	0		38		L 8		
*EXCHANGE N C, MARION, 1N, 3-4E															
			1951	230	58,8	711,3	24	0	0	17			MC	MIS	3390
	SPAR MTN, MIS	2682	1967	200			1	0	0				L 3		

(CONTINUED ON NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
*EXCHANGE N C, MARION, 1N, 3-4E							(CONTINUED FROM PREVIOUS PAGE)								
	MCCLOSKY, MIS	2763	1951	#			21	0	0		37		L 6 MC		
	ST LOUIS, MIS	2946	1972	20			1	0	0				L 6		
	SALEM	3080	1967	30			2	0	0		37		L 11 MC		
				ABD 1952, REV 1955, ABD 1959, REV 1965											
*EXCHANGE W, MARION, 1N, 3E															
			1957	310	18.8	192.6	25	0	0	12				MIS	3008
	OHARA, MIS	2540	1966	230			1	0	0				L 7		
	SPAR MTN, MIS	2570	1966	#			10	0	0				S 6		
	MCCLOSKY, MIS	2650	1957	#			11	0	0		37		L 6		
	ST LOUIS, MIS	2720	1967	130			8	0	0		38		L 11		
*FAIRMAN, MARION, CLINTON, 3N, 1E, 1W															
			1939	610	10.8	2057.4	58	0	0	15			A	ORD	4100
	BENOIST, MIS	1435	1939	480			44	0	0		35	0.27	S 10 A		
	TRENTON, ORD	3950	1957	230			14	0	0		42		L 20 A		
FANCHER, SHELBY, 10N, 4E															
	BENOIST, MIS	1749	1962	10	0.0	0.0	1	0	0	0	34		S	MIS	1889
				ABD 1962											
FEHRER LAKE, GALLATIN, 9S, 10E															
	AUX VASES, MIS	2672	1963	10	0.0	4.7	1	0	0	0	36		L	MIS	2795
				ABD 1966											
FICKLIN, DOUGLAS, 16N, 8E															
	SPAR MTN, MIS	1470	1969	70	1.0	18.2	5	0	0	5			S	CAM	5301
FITZGERRELL, JEFFERSON, 4S, 1E															
			1944	10	0.0	16.0	1	0	0	0				MIS	3012
	BENOIST, MIS	2760		10			1	0	0		37		S 5		
	AUX VASES, MIS	2800		10			1	0	0		37		S		
				ABD 1952											
*FLORA S, CLAY, 2N, 6E															
	MCCLOSKY, MIS	2985	1946	60	0.0	168.0	4	0	0	0	39		L 6 AC	MIS	3361
				ABD 1961											
FLORA SE, CLAY, 2N, 6E															
	MCCLOSKY,MIS	3073	1972	30	2.8	4.6	2	1	0	2			S	MIS	3655
FORSYTH, MACON, 17N, 2E															
	SILURIAN	2118	1963	70	1.3	22.7	5	0	0	2	38		L	SIL	2220
FRANCIS MILLS, SALINE, 7S, 7E															
	CYPRESS, MIS	2675	1952	10	0.2	96.3	1	0	0	1	36		S	MIS	3238
FRANCIS MILLS S, SALINE, 7S 7E															
			1955	20	0.0	5.6	2	0	0	0				MIS	3180
	OHARA, MIS	3010	1955	20		5.6	2	0	0				L 11		
	SPAR MTN, MIS	3042	1962	#			1	0	0		37		L 6		
				ABD 1957, REV AND ABD 1962											
FREEBURG +, ST. CLAIR, 1-2S, 7W (NOW FREEBURG GAS STORAGE PROJECT															
	CYPRESS, MIS	380	1955	20	0.0	0.0	2	0	0	0	30		S 3	ORD	2000
FREEMANSPUR, WILLIAMSON, 8S, 2E															
	AUX VASES, MIS	2500	1968	40	0.0	1.3	2	0	0	0			S 13	MIS	2779
				ABD 1971											
FRIENDSVILLE CEN, WABASH, 1N, 13W															
			1946	160	31.3	92.4	11	0	0	6				MIS	2726
	BETHEL, MIS	2330	1946	50			5	0	0		35		S 15 MC		
	OHARA, MIS	2597	1972	110			3	0	0				L 8		
	SPAR MTN, MIS	2629	1972	#			3	0	0				S 4		
				ABD 1956,REV 1972											
*FRIENDSVILLE N, WABASH, 1N, 12-13W															
			1946	220	1.6	268.7	20	0	0	2			MC	MIS	2676

(CONTINUED ON NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of dis-cov-ery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Com-pleted to end of 1973	Com-ple-ted in 1973	Aban-doned 1973	Pro-ducing end of year	Gr. °API	Sul-fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
*FRIENDSVILLE N, WABASH, 1N, 12-13W (CONTINUED FROM PREVIOUS PAGE)															
	BIEHL, PEN	1620	1946	220			19	0	0		34		S 12 MC		
	BETHEL, MIS	2308	1959	10			1	0	0		35		S 11 M		
FROGTOWN, CLINTON, 2N, 3-4W															
	CARLYLE(CYP), MIS	950	1918	90	0.0	X	14	0	0	0	32		S 7 ML	TRN	3290
				ABD 1933, REV 1949, ABD 1956											
*FROGTOWN N, CLINTON, 2-3N, 3-4W															
			1951	420	14.8	2066.8	34	0	0	19			D	SIL	2456
	ST. LOUIS, MIS	1200	1951	60			5	0	0		35		L 10 D		
	DEV-SIL	2250		350			29	0	0		35		L 8 R		
*GARDS POINT C, WABASH, 1N, 14W															
	OHARA, MIS	2870	1951	650	34.7	929.0	36	0	0	24	40		L MC	MIS	3340
GAYS, MOULTRIE, 12N, 6E															
			1946	90	2.1	94.7	6	0	0	1			M	DEV	3305
	AUX VASES, MIS	1970		80			5	0	0		36		S 5 ML		
	CARPER, MIS	2963	1963	10			1	0	0		37		S 16		
	DEVONIAN	3205	1955	10			1	0	0		38		L 3 MC		
				ABD 1950, REV 1955											
*GERMANTOWN E, CLINTON, 1-2N, 4W															
	SILURIAN	2350	1956	380	14.8	1908.9	27	0	0	25	39		L R	TRN	3310
*GILA, JASPER, 7-8N, 9E															
	MCCLOSKY, MIS	2850	1957	440	0.0	1044.4	31	1	0	2	39		O MC	MIS	2971
GILLESPIE-WYEN, MACOUPIN, 8N, 6W															
	UNNAMED, PEN	650	1915	70	0.0		23	0	0	2	28		S X T	ORD	2560
GLENARM, SANGAMON, 14N, 5W															
	SILURIAN	1680	1955	130	0.4	56.6	9	0	0	1	40		L	SIL	1821
				ABD 1957, REV 1959, ABD 1960, REV 1961											
*GOLDENGATE C, WAYNE, WHITE, EDWARDS, 2-4S, 9-10E															
			1938	6910	151.6	17049.6	489	3	6	201			A	DEV	5522
	CYPRESS, MIS	2942	1960	90			4	0	0		36		S 8 A		
	BETHEL, MIS	3110		350			21	0	0		37		S 11 ML		
	AUX VASES, MIS	3180		3400			179	0	4		40	0.14	S 15 AL		
	OHARA, MIS	3250		4280			50	0	1		39		OL 6 AC		
	SPAR MTN, MIS	3275		#			70	3	5		38		LS 7 AC		
	MCCLOSKY, MIS	3310		#			151	0	1		36	0.19	OL 7 AC		
	ST. LOUIS, MIS	3430		20			3	0	0		40		L 10 ML		
	ULLIN, MIS	4125	1961	30			3	0	0		39		L 9 A		
	DUTCH CREEK, DEV	5346	1961	350			16	0	0		39		S 10		
GOLDENGATE E, WAYNE, 3S, 9E															
	OHARA, MIS	3290	1951	10	0.9	15.9	1	0	0	1	37		L	MIS	3420
				ABD 1957, REV 1968											
*GOLDENGATE N C, WAYNE, 1-2S, 8-9E															
			1945	710	68.7	477.6	47	0	1	31			M	MIS	3509
	BETHEL, MIS	3095		10			2	0	0		38		S 3 ML		
	AUX VASES, MIS	3235		360			27	0	0		38		S 25 ML		
	OHARA, MIS	3300		460			6	0	0		37		L 4 MC		
	SPAR MTN, MIS	3325		#			14	0	0		37		L 5 MC		
	MCCLOSKY, MIS	3350		#			19	0	1		39		L 6 MC		
GRANDVIEW +, EDGAR, 12-13N, 13W															
	PENNSYLVANIAN	560	1945	70	0.0	4.0	7	0	0	5	30		S 10 M	ORD	2694
GRAYSON, SALINE, 8S, 7E															
			1957	30	0.0	22.9	3	0	0	0				MIS	3045
	CYPRESS, MIS	2515		10			1	0	0		37		S 6		
	AUX VASES, MIS	2913	1961	10			1	0	0		38		L 4		
	MCCLOSKY, MIS	2920		20			1	0	0		37		L 6		
				ABD 1972											

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
GREENVILLE GAS +, BOND, 5N, 3W																	
	LINGLE, DEV	2240-	1957	10	0,0	0,0	1	0	0	0	38		L		A	TRN	3184
				ABD 1958													
*HALF MOON, WAYNE, 1S, 9E																	
			1947	1200	34,0	3156,8	64	2	0	39					M	DEV	5369
	AUX VASES, MIS	3190		20			1	0	0		38		S	18	ML		
	OMARA, MIS	3280		1190			37	1	0		40		L	11	MC		
	SPAR MTN, MIS	3280		#			11	1	0				L	4	MC		
	MCCLOSKY, MIS	3300		#			21	0	0		37		L	10	MC		
*HARCO +, SALINE, 8S, 5E																	
			1954	1080	56,3	1665,4	90	0	1	41						MIS	3424
	HARDINSBURG, MIS	2330	1956	10			1	0	0		36		S	6			
	CYPRESS, MIS	2618	1959	40			3	0	0		38		S	8			
	SAMPLE, MIS	2675		30			4	0	0		39		S	8			
	AUX VASES, MIS	2860		940			72	0	1		41		S	15			
	OMARA, MIS	2965		210			6	0	0				L	10			
	SPAR MTN, MIS	2970		#			7	0	0		39		LS	10			
*HARCO E +, SALINE, 8S, 5E																	
			1955	250	1,9	315,4	22	0	0	1						MIS	3031
	CYPRESS, MIS	2575	1955	70			6	0	0		38		S	20			
	AUX VASES, MIS	2865	1956	200			12	0	0		38		S	8			
	OMARA, MIS	2880		30			2	0	0		39		L	14			
*HARRISBURG +, SALINE, 8S, 6E																	
			1954	100	0,0	252,3	10	0	0	0						MIS	2930
	WALTERSBURG, MIS	2020	1955	90			9	0	0		38		S	14			
	TAR SPRINGS, MIS	2115		10			1	0	0		37		S	6			
				ABD 1971													
HARRISBURG S, SALINE, 9S, 6E																	
	CYPRESS, MIS	2300	1955	10	0,0	0,0	1	0	0	0	37		S			MIS	2352
				ABD 1956													
HARRISTOWN, MACON, 16N, 1E																	
	SILURIAN	2050	1954	190	0,9	178,3	12	0	0	3	39		L		MU	SIL	2117
HAYES, DOUGLAS, CHAMPAIGN, 16N, 8E																	
	TRENTON	893	1963	480	0,3	154,7	43	0	10	5	31		L	90		CAM	3430
HELENA, LAWRENCE, 2N, 13W																	
	ST, LOUIS, MIS	2978	1969	10	0,0	0,0	1	0	0	1			L	5		MIS	3600
*HERALD C +, WHITE, GALLATIN, 6-8S, 9-10E																	
			1940	6300	212,4	16116,2	545	2	17	235					A	MIS	4055
	PENNSYLVANIAN	1060		390			1	0	0		29		S	10	AL		
	PENNSYLVANIAN	1500		#			23	0	0		36		S	15	AL		
	PENNSYLVANIAN	1750		#			5	0	0		29		S	18	AL		
	DEGONIA, MIS	1920		80			3	0	0		36		S	12	AL		
	CLORE, MIS	1965		60			2	0	0		36		S	10	AL		
	PALESTINE, MIS	1940		10			2	0	0		34		S	20	AL		
	WALTERSBURG, MIS	2240		520			45	1	1		33		S	10	A		
	TAR SPRINGS, MIS	2260		700			55	1	1		38	0,24	S	13	A		
	CYPRESS, MIS	2660		1890			157	0	10		33	0,22	S	14	A		
	BETHEL, MIS	2790		190			20	0	0		37		S	11	AL		
	AUX VASES, MIS	2920		3040			228	0	4		38		S	6	AL		
	OMARA, MIS	2965		520			8	0	0		37		L	6	AC		
	SPAR MTN, MIS	3005		#			7	0	0				L	4	AC		
	MCCLOSKY, MIS	3010		#			24	0	1		35		L	10	AC		
HERRIN, WILLIAMSON, 8S, 2E																	
	CYPRESS, MIS	2221	1965	10	0,0	2,0	1	0	0	0	38		S			MIS	2682
				ABD 1972													
*HICKORY MILL, MARION, 1N, 4E																	
			1964	60	0,0	22,9	4	0	0	0						MIS	3010
	CYPRESS, MIS	2478	1964	10			1	0	0		36		S	10			
	BENOIST, MIS	2645	1964	20			2	0	0		37		S	7			
	SPAR MTN, MIS	2833	1964	10			1	0	0		37		S	6			
				ABD 1972													

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
HIDALGO, JASPER, 8N, 10E															
	MCCLOSKY, MIS	2575	1940	50	0.3	21.5	5	0	0	1	37	0.20	L MC	DEV	4246
				ABD 1952, REV 1965											
HIDALGO E, JASPER, 8N, 10E															
	MCCLOSKY, MIS	2467	1966	10	0.9	10.6	1	0	0	1	37		D	MIS	2747
HIDALGO N, CUMBERLAND, 9N, 9E															
			1946	220	1.2	77.1	16	0	0	10				MIS	2807
	SPAR MTN, MIS	2655	1946	220			11	0	0		37		S 12		
	MCCLOSKY, MIS	2676	1959	#			8	0	0		37		OL 9		
HIDALGO S, JASPER, 8N, 10E															
	MCCLOSKY, MIS	2628	1964	50	0.0	2.6	4	0	1	0	37		D	MIS	3040
				ABD 1973											
HIGHLAND, MADISON, 4N, 5W															
	MARVIN, DEV	1941	1960	10	0.0	0.0	1	0	0	0	37		S U	DEV	1983
				ABD 1962											
HILL, EFFINGHAM, 6N, 6E															
	MCCLOSKY, MIS	2565	1943	60	0.0	43.6	4	0	0	0	39		L N	MIS	2963
				ABD 1950,REV 1970, ABD 1972											
*HILL E, EFFINGHAM, 6N, 6E															
			1954	490	8.2	1277.1	38	1	1	5				MIS	3251
	CYPRESS, MIS	2460	1955	290			26	0	0		37		S 8		
	AUX VASES, MIS	2650	1957	10			1	0	0		37		S 10		
	SPAR MTN, MIS	2660		250			2	0	0				L 5		
	MCCLOSKY, MIS	2700		#			9	1	1		40		L 7		
	ST. LOUIS, MIS	2929	1966	10			1	0	0				D 14		
HILLSBORO, MONTGOMERY, 9N, 3W															
	LINGLE, DEV	2012	1962	30	0.0	0.2	3	0	0	0	36		S	DEV	2153
				ABD 1967											
HOFFMAN, CLINTON, 1N, 2W															
			1939	360	3.9	797.5	53	0	0	30			A	DEV	2914
	CYPRESS, MIS	1190		190			16	0	0		36		S 11 A		
	BENOIST, MIS	1320		240			38	0	0		33	0.21	S 7 A		
HOODVILLE E, HAMILTON, 5S, 7E															
	MCCLOSKY, MIS	3365	1944	10	0.0	0.6	1	0	0	0	37		L N	MIS	3411
				ABD 1944											
*HORD, CLAY, 5N, 6E															
			1950	270	3.0	579.7	19	0	0	2			M	MIS	2954
	AUX VASES, MIS	2702	1959	70			6	0	0		37		S 10 M		
	STE. GEN, MIS	2800	1950	270			13	0	0		37		L 5 M		
HORD N, EFFINGHAM, 6N, 6E															
			1958	60	5.9	158.1	6	0	0	4				MIS	2860
	CYPRESS, MIS	2430	1958	40			3	0	0		33		S		
	AUX VASES, MIS	2633	1959	30			3	0	0		38		S 10		
*HORD S C, CLAY, 5N, 6E															
			1942	380	4.5	1783.1	28	1	0	20			N	MIS	3104
	AUX VASES, MIS	2735		20			2	0	0		37		S 8 N		
	STE. GEN, MIS	2790		380			26	1	0		37		L 7 NC		
				ABD 1945, REV 1951											
HORNSBY S, MACOUPIN, 8N, 6W															
	PENNSYLVANIAN	640	1956	50	0.0	0.0	4	0	0	0	28		S	PEN	715
				ABD 1957, REV 1959, ABD 1960											
HOYLETON W, WASHINGTON, 1S, 2W															
	CLEAR CREEK, DEV	2895	1955	10	0.0	3.7	1	0	0	0	39		L 12	SIL	2965
				ABD 1964											
HUEY, CLINTON, 2N, 2W															

(CONTINUED ON NEXT PAGE)

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
HUEY, CLINTON, 2N, 2W							(CONTINUED FROM PREVIOUS PAGE)										
	BENOIST, MIS	1260	1945	80	0,0	5,4	7	0	0	3	34		S		AL	DEV	2770
HUEY S, CLINTON, 1-2N, 2-3W																	
			1953	310	8,6	247,2	23	0	0	15						SIL	2675
	CYPRESS, MIS	1080		190			17	0	0		34		S	5			
	SILURIAN	2585	1956	110			6	0	0		40		L	10			
HUNT CITY, JASPER, 7N, 10E																	
	SPAR MTN, MIS	2540	1945	10	0,0	0,8	1	0	0	0	37		S		ML	MIS	3020
				ABD 1950													
HUNT CITY E, JASPER, 7N, 14W																	
			1952	90	0,7	20,3	7	0	0	2						SIL	3660
	FREDONIA, MIS	1845	1952	90			7	0	0		40		L	6			
	ST, LOUIS, MIS	0	1966	10			1	0	0		39		0	20			
				ABD 1954, REV 1965													
HUNT CITY S, JASPER, 7N, 14W																	
	MCCLOSKY, MIS	2341	1966	30	1,5	10,3	3	0	0	2	38		L			MIS	2766
HUTTON, COLES, 11N, 10E																	
	PENNSYLVANIAN	530	1939	20	0,0	15,0	2	0	0	0	30		S	1		MIS	969
				ABD 1946													
*INA, JEFFERSON, 4S, 2-3E																	
			1938	430	0,0	747,7	28	0	0	1					A	MIS	3521
	RENAULT, MIS	2725		150			7	0	0		36		S	14	AL		
	AUX VASES, MIS	2682	1958	30			3	0	0		36		S	26	A		
	SPAR MTN, MIS	2775	1957	110			3	0	0				S	10	A		
	MCCLOSKY, MIS	2775		#			4	0	0		35		L	10	A		
	ST, LOUIS, MIS	3000		90			8	0	0		37	0,20	L	4	AC		
	SALEM, MIS	3210	1957	40			4	0	0		37		L	9	A		
				ABD 1946, REV 1954													
INA N, JEFFERSON, 4S, 3E																	
	MCCLOSKY, MIS	2940	1949	10	0,0	0,7	1	0	0	0	35		L			MIS	3689
				ABD 1950													
INCLOSE +, EDGAR, CLARK, 12N, 13-14W																	
	ISABEL, PEN	345	1941	110			13	0	0	7	35		S	8	AL	MIS	1600
*INGRAHAM, CLAY, 4N, 8E																	
			1942	680	27,4	951,7	47	0	3	5					M	MIS	3702
	TAR SPRINGS, MIS	2332	1969	10			1	0	0				S	8			
	AUX VASES, MIS	2915		80			6	0	0		38		S	15	ML		
	SPAR MTN, MIS	3000		620			34	0	2		37	0,21	L	7	MC		
	MCCLOSKY, MIS	3075		#			8	0	2		37	0,21	L	8	MC		
				ABD 1942,REV 1943,ABD 1944,REV 1950,ABD 1968,REV 1969													
*INMAN E C, GALLATIN, 7-8S, 10E																	
			1940	4440	62,5	21706,2	425	1	0	147					A	DEV	5100
	PENNSYLVANIAN	780		80			4	0	0		38		S	10	AF		
	PENNSYLVANIAN	1450		#			2	0	0				S	4	AF		
	DEGONIA, MIS	1690		90			4	0	0		37		S	10	AF		
	CLORE, MIS	1725		50			6	0	0		37		S	8	AF		
	PALESTINE, MIS	1840		90			4	0	0		37		S	13	AF		
	WALTERSBURG, MIS	1980		1220			83	0	0		37		S	18	AF		
	TAR SPRINGS, MIS	2080		1840			156	0	0		37	0,24	S	13	AF		
	HARDINSBURG, MIS	2135		280			17	0	0		34		S	10	AF		
	CYPRESS, MIS	2390		2350			162	0	0		34	0,23	S	14	AF		
	RENAULT, MIS	2675	1967	10			1	0	0		36		S	5	AF		
	AUX VASES, MIS	2715		510			35	1	0		37		S	8	AF		
	OHARA, MIS	2795		140			1	0	0				L	5	AF		
	SPAR MTN, MIS	2790		#			1	0	0				L	7	AF		
	MCCLOSKY, MIS	2800		#			7	0	0		39		L	8	AF		
	ST, LOUIS, MIS	2960	1957	40			6	0	0		38		L	10	AF		
*INMAN W C, GALLATIN, 7-8S, 9-10E																	
			1940	3780	162,6	8463,2	345	0	2	199					T	MIS	3357
	PENNSYLVANIAN	925		190			5	0	0				S	8	NL		
	PENNSYLVANIAN	1630		#			4	0	0				S	5	NL		
	BIEHL, PEN	1750		#			7	0	0		35		S	12	NL		
	PALESTINE, MIS	1765		40			4	0	0		35		S	13	NL		
	WALTERSBURG, MIS	2080		130			8	0	0		37		S	10	TL		
	TAR SPRINGS, MIS	2140		1290			91	0	0		36		S	8	TL		

(CONTINUED ON NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*INMAN W C, GALLATIN, 7-8S, 9-10E							(CONTINUED FROM PREVIOUS PAGE)										
	HARDINSBURG, MIS	2300		280			21	0	0		32		S	10	TL		
	CYPRESS, MIS	2475		2200			169	0	0		37		S	10	T		
	SAMPLE, MIS	2610		50			1	0	0		36		S	30	T		
	RENAULT, MIS	2775		30			3	0	0		37		L	7	T		
	AUX VASES, MIS	2790		890			72	0	2		37		S	15	TL		
	OHARA, MIS	2815		250			6	0	0				L	12	TC		
	SPAR MTN, MIS	2815		#			4	0	1		38		L	8	TC		
	MCCLOSKY, MIS	2940		#			15	0	0		36	0.19	L	6	TC		
	ST LOUIS, MIS	3180	1967	10			1	0	0		39		L	6			
IOLA CEN, CLAY, 5N, 5E			1954	170	13.1	21.2	14	6	0	12						MIS	2800
	CYPRESS,MIS	2277	1972	100			7	4	0				S	15			
	BENOIST,MIS	2420	1954	60			6	1	0		36		S	5			
				ABD 1957, REV 1965													
*IOLA C, CLAY, EFFINGHAM, 5-6N, 5-6E			1939	3400	233.2	15073.9	300	0	4	220					A	DEV	4227
	TAR SPRINGS, MIS	1890		20			1	0	0		35		S	9	AL		
	CYPRESS, MIS	2125		700			49	0	1		35		S	15	A		
	BETHEL, MIS	2255		60			5	0	0		36		S	10	AL		
	BENOIST, MIS	2290		1260			87	0	0		36	0.14	S	12	A		
	RENAULT, MIS	2320		10			1	0	0				L	X	AC		
	AUX VASES, MIS	2325		2370			189	1	2		35	0.25	S	10	A		
	OMARA, MIS	2410	1963	1390			1	0	0				L	6	A		
	SPAR MTN, MIS	2430		#			62	0	2		37		LS	7	A		
	MCCLOSKY, MIS	2425		#			51	0	1		38		OL	10	A		
IOLA S, CLAY, 4N, 5E			1947	250	0.5	327.5	20	0	0	5					A	DEV	4325
	BENOIST, MIS	2490		170			11	0	0		37		S	10	AL		
	SPAR MTN, MIS	2590		130			6	0	0				L	6	AC		
	MCCLOSKY, MIS	2650		#			3	0	0		37		L	3	AC		
	CARPER, MIS	3900		10			1	0	0		38		S	7			
IOLA W, CLAY, 5N, 5E	MCCLOSKY, MIS	2495	1945	10	0.0	0.5	1	0	0	0	37		L		MC	MIS	2613
				ABD 1945													
*IRVINGTON, WASHINGTON, 1S, 1W			1940	1390	114.1	8912.5	138	0	0	91					A	ORO	4440
	BEECH CREEK, MIS	1525		10			1	0	0		38		L	3	AC		
	CYPRESS, MIS	1380		410			35	0	0		36		S	12	A		
	BENOIST, MIS	1535		1020			84	0	0		37	0.16	S	12	A		
	CLEAR CREEK, DEV	3090		280			17	0	0		38	0.27	L	12	A		
	TRENTON, ORO	4275	1956	110			6	0	0		39		L	90	A		
*IRVINGTON E, JEFFERSON, 1S, 1E			1951	340	27.7	955.5	27	0	0	25						MIS	2222
	PENNSYLVANIAN	1030		40			5	0	0		32		S	15			
	CYPRESS, MIS	1750	1955	120			7	0	0		37		S	15			
	BENOIST, MIS	1950	1955	200			18	0	0		37		S				
IRVINGTON N, WASHINGTON, 1N, 1S, 1W			1953	300	22.6	1311.1	27	0	0	25					A	ORO	4334
	CYPRESS, MIS	1340		50			4	0	0		37		S	16	AL		
	BENOIST, MIS	1470		250			22	0	0		39		S	6	AL		
IRVINGTON W, WASHINGTON, 1S, 1W	CYPRESS, MIS	1460	1963	50	1.3	6.5	3	0	0	2	36		S	2		MIS	1909
*IUKA, MARION, 2N, 4E			1947	710	5.9	1034.6	46	0	1	20					M	MIS	2911
	AUX VASES, MIS	2528	1960	40			3	0	0		37		S	11	M		
	OHARA, MIS	2650		580			7	0	0				L	5	MC		
	SPAR MTN, MIS	2660		#			6	0	0				L	15	MC		
	MCCLOSKY, MIS	2750		#			27	0	1		39		L	10	MC		
	ST. LOUIS, MIS	2775		200			8	0	0		37		L	5	MC		
IUKA S, MARION, 2N, 4E	MCCLOSKY, MIS	2680	1971	190	93.9	206.6	10	3	0	10			L			MIS	2885

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
IUKA W, MARIØN, 2N, 3-4E															
	MCCLØSKY, MIS	2700	1955	60	6.7	49.3	5	0	0	3	37		L	MIS	3309
JACKSØNVILLE GAS +, MØRGAN, 15N, 9W															
			1910	90	0.0	2.0	10	0	0	1				ØRO	1390
	GAS, PEN, MIS	330	1910	80			9	0	0		37		L 5 ML		
	MCCLØSKY, MIS	272	1972	10			1	0	0				L 29		
	SALEM, MIS	294	1972	10			1	0	0				L 19		
				ABD 1937,REV 1967,ABD 1969,REV 1972											
*JØHNSØN N, CLARK, 9-10N, 14W															
			1907	2370	X	X	634	1	0	285			AM	ØRO	4519
	KICKAPØØ, PEN	315		2360			34	0					S X AM		
	CLAYPØØL, PEN	415		#			303	0					S X AM		
	CASEY, PEN	465		#			196	0			32		S X AM		
	UPPER PARTLØW, PEN	535		#			51	0					S X AM		
	MCCLØSKY, MIS	556		60			0	0			35		ØL 6 AM		
	CARPER, MIS	1325		290			11	0			37		S X AM		
	DEVØNIAN	1720	1973	10			1	1					L 45		
				SEE CLARK CØUNTY DIVISIØN FØR PRØDUCTIØN											
*JØHNSØN S, CLARK, 9N, 14W															
			1907	2050	X	X	658	0	11	210			AM	DEV	2030
	CLAYPØØL, PEN	390		2040			39	0	3				S X AM		
	CASEY, PEN	450		#			60	0	0		30		S X AM		
	UPPER PARTLØW, PEN	490		#			432	0	3		31		S 48 AM		
	LØWER PARTLØW, PEN	600		#			179	0	5		29		S X AM		
	AUX VASES, MIS	717	1961	40			1	0	0		35		S 21 A		
	CARPER, MIS	1740	1971	20			1	0	0				S 22		
				SEE CLARK CØUNTY DIVISIØN FØR PRØDUCTIØN											
*JØHNSØNVILLE C, WAYNE, 1N, 1S, 6-7E															
			1940	8880	594.3	51255.3	459	5	4	195			A	TRN	6460
	BETHEL, MIS	2950		30			3	0	0		36		S 12 AL		
	AUX VASES, MIS	3020		2840			154	4	4		39	0.14	S 20 AL		
	ØHARA, MIS	3120		8130			30	0	0		38		ØL 10 AC		
	SPAR MTN, MIS	3150		#			9	1	0		38		ØL 8 AC		
	MCCLØSKY, MIS	3170		#			335	2	1		38	0.17	ØL 15 AC		
	ST. LØUIS, MIS	3256	1961	110			10	0	0		38		L 14 A		
	SALEM, MIS	3852	1960	40			2	0	0		39		L AC		
JØHNSØNVILLE N, WAYNE, 1N, 6E															
			1943	150	0.0	91.8	8	0	0	0			A	MIS	3335
	ØHARA, MIS	3190		150			1	0	0		38	0.17	ØL 3 AC		
	SPAR MTN, MIS	3220		#			7	0	0				L 8 AC		
	MCCLØSKY, MIS	3250		#			1	0	0		38	0.17	ØL 3 AC		
				ABD 1966, REV 1968, ABD 1969											
*JØHNSØNVILLE S, WAYNE, 1S, 6E															
			1942	440	1.0	808.3	35	0	11	1			A	MIS	3335
	AUX VASES, MIS	3060		340			27	0	9		38		S 15 A		
	SPAR MTN, MIS	3160		140			1	0	1				L 4 AC		
	MCCLØSKY, MIS	3200		#			7	0	1		38		L 5 AC		
*JØHNSØNVILLE W, WAYNE, 1N, 1S, 5-6E															
			1942	800	105.4	2105.9	65	1	1	23			M	MIS	3385
	BETHEL, MIS	2925		10			1	0	1		37		S 7 ML		
	AUX VASES, MIS	2900		400			33	1	0		37		S 6 ML		
	ØHARA, MIS	2930		390			5	0	0				L 6 MC		
	SPAR MTN, MIS	3015		#			10	0	0				L 4 MC		
	MCCLØSKY, MIS	3100		#			18	0	0		40		L 7 MC		
*JØHNSTØN CITY E, WILLIAMSØN, 8S, 3E															
			1959	140	23.1	540.4	12	0	0	7				MIS	2968
	CYPRESS, MIS	2290	1959	130			9	0	0		37		S 20		
	AUX VASES, MIS	2620	1962	140			6	0	0		36		S 10		
	SPAR MTN, MIS	2660	1963	10			1	0	0				L 7		
	MCCLØSKY, MIS	2680	1963	#			1	0	0		38		ØL 12		
JØHNSTØN CITY N E, WILLIAMSØN, 8S, 3E															
	AUX VASES, MIS	2818	1969	50	21.0	177.1	4	0	0	4			S 6	MIS	3014
*JUNCTIØN, GALLATIN, 9S, 9E															
			1939	380	3.5	683.0	32	0	0	9			M	MIS	3600
	PENNSYLVANIAN	1150		30			4	0	0		35		S 7 ML		
	WALTERSBURG, MIS	1750		300			26	0	0		37		S 14 ML		

(CØNTINUED ØN NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
*JUNCTION, GALLATIN, 9S, 9E							(CONTINUED FROM PREVIOUS PAGE)								
	HARDINSBURG, MIS	2120		30			1	0	0		34		S 5 ML		
	CYPRESS, MIS	2275		20			2	0	0		37		S 12 ML		
	MCCLOSKY, MIS	2730	1955	10			1	0	0		37		L 9 MC		
*JUNCTION E, GALLATIN, 8-9S, 9E															
			1953	0	12,3	94,2	7	1	0	6				MIS	2970
	WALTERSBURG, MIS	2000	1953	100			6	4	0		37		S		
	TAR SPRINGS, MISS	2119	1973	10			1	1	0				S 25		
*JUNCTION N,GALLATIN, 8-9S, 9E															
			1946	250	8,1	238,4	23	4	0	11			M	MIS	2983
	PENNSYLVANIAN	1565		100			10	0	0		36		S 16 ML		
	WALTERSBURG, MIS	1990	1973	60			4	4	0		37		S 20		
	CYPRESS, MIS	2450		30			3	0	0		37		S 10 ML		
	AUX VASES, MIS	2725		40			3	0	0		36		S 4 ML		
	SPAR MTN, MIS	2860	1955	40			3	0	0		37		L 6 MC		
JUNCTION CITY C, MARION, 2N, 1E															
			1910	170	0,8	29,2	17	0	0	12			NL	DEV	3346
	DYKSTRA(CUBA), PEN	510	1910	170			11	0	0		32		S X NL		
	WILSON, PEN	680	1952	#			6	0	0				S 5 NL		
KEENSBURG E, WABASH, 2S, 13W															
			1939	40	0,0	9,0	3	0	0	0			M	MIS	2802
	OHARA, MIS	2705		40			1	0	0				L 10 MC		
	MCCLOSKY, MIS	2710		#			2	0	0		38	0,26	L 6 MC		
				ABD 1947											
*KEENSBURG S, WABASH, 2-3S, 13W															
			1944	310	22,3	847,2	29	1	0	16			A	MIS	3215
	PENNSYLVANIAN	1145		150			16	0	0		33		S 15 AL		
	CYPRESS, MIS	2385		130			11	0	0		36		S 9 AL		
	OHARA, MIS	2715		20			1	0	0		38		L 10 AC		
	SALEM,MIS	3200	1973	10			1	1	0				L 8		
*KEENVILLE, WAYNE, 1S, 5E															
			1945	710	10,6	2262,4	58	0	0	7			A	MIS	3553
	AUX VASES, MIS	2960		340			25	0	0		36		S 20 AL		
	OHARA, MIS	3050		440			5	0	0				L 8 AC		
	SPAR MTN, MIS	3060		#			1	0	0				L 10 AC		
	MCCLOSKY, MIS	3100		#			29	0	0		37		L 7 AC		
KEENVILLE E, WAYNE, 1S, 5E															
			1951	90	2,1	90,2	6	0	0	3				MIS	3638
	SPAR MTN, MIS	3075	1967	80			1	0	0				L 4		
	MCCLOSKY, MIS	3140	1951	#			5	0	0		37		L 10		
	ST LOUIS	3190	1967	10			2	0	0		39		L 1 0		
KELL, JEFFERSON, 1S,3E															
	MCCLOSKY, MIS	2625	1942	50	0,0	14,0	5	0	0	0	39	0,26	L 6 A	MIS	2720
				ABD 1944,REV 1958,ABD 1962											
KELL W, MARION, 1N, 2E															
	MCCLOSKY, MIS	2354	1962	10	0,0	0,8	1	0	0	0	38		0 L	MIS	2475
				ABD 1964											
KELLERVILLE, ADAMS, BROWN, 1-2S, 5W															
	SILURIAN	637	1959	590	2,5	210,0	53	0	5	15	37		D AC	STP	1075
*KENNER, CLAY, 3N, 5-6E															
			1942	1260	22,0	2351,1	106	1	2	24			A	SIL	4970
	TAR SPRINGS, MIS	2200		10			1	0	0		37		S 7 AL		
	BENOIST, MIS	2690		700			56	0	1		37	0,22	S 10 A		
	RENAULT, MIS	2761	1958	230			16	0	0		36		S 9 A		
	AUX VASES, MIS	2835		850			49	0	0		38		S 9 AL		
	SPAR MTN, MIS	2875		120			4	0	1				LS 5 AC		
	MCCLOSKY, MIS	2930		#			5	0	1		37		L 7 AC		
	ST, LOUIS, MIS	2978	1964	10			1	0	0		37		L 4		
	CARPER, MIS	4221	1959	10			1	0	0		39		S 10 A		
	DEVONIAN	4424	1959	40			2	1	0		36		L 55 A		

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*KENNER N, CLAY, 3N, 6E			1947	390	0,1	888,6	36	0	0	1					A	ØRD	6032
	BENØIST, MIS	2755		390			31	0	0		38		S	8	A		
	MCCLØSKY, MIS	2970		80			5	0	0		36		L	6	AC		
KENNER S, CLAY, 2N, 5E			1950	40	0,5	16,3	4	0	0	2					A	MIS	3000
	BENØIST, MIS	2730	1967	20			2	0	0		37		S	5	A		
	AUX VASES, MIS	2768	1971	10			1	0	0				S	6			
	MCCLØSKY, MIS	2870	1950	30			4	0	0		37		L	10	AC		
				ABD 1952, REV 1967													
*KENNER W, CLAY, 3N, 5E			1947	410	4,0	2092,4	35	0	0	8					A	DEV	4800
	CYPRESS, MIS	2600		350			27	0	0		37		S	26	A		
	BENØIST, MIS	2705		230			16	0	0		38		S	9	A		
	RENAULT, MIS	2802	1960	10			1	0	0		37		S	10	A		
	AUX VASES, MIS	2837	1960	110			8	0	0		38		S	24	A		
	MCCLØSKY, MIS	2870		20			2	0	0		38		L	4	A		
KEYESPØRT, CLINTØN, 3N, 2W																	
	BENØIST, MIS	1180	1949	180	0,9	172,2	20	0	0	15	35		S		AL	MIS	1358
KINCAID C, CHRISTIAN, 13-14N, 3W			1955	2620	33,5	4933,2	148	0	0	142					MU	SIL	1971
	HIBBARD, DEV	1800	1955	2620			147	0	0		38		DS	19	MU		
	SILURIAN	1874	1959	10			1	0	0		38		D	7			
*KING, JEFFERSØN, 3-4S, 3E			1942	1430	18,3	3654,0	112	0	0	32					A	DEV	4775
	RENAULT, MIS	2718	1959	10			1	0	0		39		S	X	A		
	AUX VASES, MIS	2725	1942	1380			104	0	0		39	0,17	S	15	AL		
	ØMARA, MIS	2765		320			11	0	0				L	10	AC		
	SPAR MTN, MIS	2815		#			7	0	0		40	0,16	LS	10	AC		
	MCCLØSKY, MIS	2840		#			4	0	0				L	5	AC		
KINMUNDY, MARIØN, 4N, 2-3E			1950	80	1,8	83,2	7	0	0	3					A	DEV	3650
	BENØIST, MIS	1915		20			2	0	0		34		S	3	A		
	SALEM, MIS	2430		10			1	0	0		36		L	7	A		
	CARPER, MIS	3384	1962	50			4	0	0		37		S	17			
				ABD 1960, REV 1962													
KINMUNDY N, MARIØN, 4N, 3E																	
	BENØIST, MIS	2050	1953	10	0,5	2,9	2	0	0	1	34		S			MIS	2301
				ABD 1954, REV 1971													
LACLEDE, FAYETTE, 5N, 4E																	
	BENØIST, MIS	2335	1943	50	0,4	29,7	6	0	0	1	36	0,18	S		A	MIS	2608
LAKEWØØD, SHELBY, 10N, 2-3E			1941	120	0,2	273,6	12	0	0	3					A	SIL	3127
	BENØIST, MIS	1690		70			7	0	0		30		S	7	AL		
	AUX VASES, MIS	1720		50			5	0	0		32	0,23	S	8	AL		
*LANCASTER, WABASH, LAWRENCE, 1-2N, 13W			1940	1840	70,4	4876,7	140	3	1	58					A	DEV	4555
	TAR SPRINGS, MIS	2050	1959	10			1	0	0		31		S	3	A		
	BETHEL, MIS	2540		980			84	0	1		36		S	14	AL		
	ØHARA, MIS	2670		870			40001	0	0				L	10	AC		
	SPAR MTN, MIS	2649	1964	#			4	1	0				L	6			
	MCCLØSKY, MIS	2690		#			49	1	1		40	0,28	L	7	AC		
LANCASTER CEN, WABASH, 1N, 13W			1946	240	0,0	376,5	16	0	0	1					M	MIS	3607
	ØHARA, MIS	2750		240			5	0	0				L	7	MC		
	SPAR MTN, MIS	2810		#			10	0	0		37		L	7	MC		
	MCCLØSKY, MIS	2815		#			3	0	0				L	8	MC		
				ABD 1961,REV 1972													
LANCASTER E, WABASH, 2N, 13W			1944	60	0,3	73,4	5	0	0	2					M	MIS	2750

(CØNTINUED ØN NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
LANCASTER E, WABASH, 2N, 13W							(CONTINUED FROM PREVIOUS PAGE)								
	BIEHL, PEN	1745		50			4	0	0		31		S 10 ML		
	SPAR MTN, MIS	2660		10			1	0	0		39		L 6 MC		
*LANCASTER S, WABASH, 1N, 13W			1946	290	5.4	413.2	20	0	0	16			M	MIS	2817
	BETHEL, MIS	2520		270			18	0	0		36		S 6 ML		
	OMARA, MIS	2670		30			1	0	0				L 6 MC		
	MCCLOSKY, MIS	2720		#			1	0	0		39		L 12 MC		
LANGEWISCH-KUESTER, MARION, 1N, 1E			1910	110	0.0	35.0	15	0	0	0			N	DEV	3509
	UNNAMED, PEN	795	1951	10			2	0	0		32		S X N		
	CYPRESS, MIS	1600	1910	100			13	0	0		35		S X N		
*LAWRENCE, LAWRENCE, CRAWFORD, 2-5N, 11-13W			1906	35860	X	X	6873	34	52	2749			A	CAM	9261
	TRIVOLI, PEN	290		10750			19	0			28		S X A		
	CUBA, PEN	450		#			4	0					S X A		
	BRIDGEPORT, PEN	800		#			1340	18			36		S 40 A		
	LPENNSYLVANIAN	950		#			23	0					S 15 A		
	BUCHANAN, PEN	1250		#			548	4			33		S 15 A		
	RIDGLEY	1300		#			0	0					S X		
	TAR SPRINGS, MIS	1410		30			4	0			34		S 10 A		
	HARDINSBURG, MIS	1570		100			11	0			33		S 10 A		
	JACKSON, MIS	1370		1410			318	1			33		S 15 A		
	CYP(KIRKWOOD), M	1400		22010			4496	5			40		S 30 A		
	SAMPLE, MIS	1600		9790			179	1			35		S 8 A		
	BETH(TRACEY), MIS	1650		#			1006	0			38		S 20 A		
	BENOIST, MIS	1695		#			94	1			38		S 7 A		
	AUX VASES, MIS	1775		670			51	0			38		S 8 A		
	OMARA, MIS	1750		12050			14	0					L 8 A		
	SPAR MTN, MIS	1860		#			62	1			33		LS 4 A		
	MCCLOSKY, MIS	1860		#			1133	7			40		L 10 A		
	ST. LOUIS, MIS	1660		210			10	0			35		L 10 A		
	SALEM, MIS	1955		90			4	0			36		L 2 A		
				SEE LAWRENCE COUNTY DIVISION FOR PRODUCTION											
LAWRENCE COUNTY DIVISION, LAWRENCE, CRAWFORD			1900	36760	3634.0	364211.6	6962	34	52	2781				CAM	9261
				TOTALS FOR LAWRENCE AND ST. FRANCISVILLE POOLS											
*LAWRENCE W, LAWRENCE, 3N, 13W			1952	620	0.0	445.2	51	0	0	32				MIS	2324
	PAINT CREEK, MIS	1978	1962	560			8	0	0		35		S 13		
	BETHEL, MIS	2050		#			34	0	0		33		S 15		
	AUX VASES, MIS	2110		20			2	0	0		36		S 8		
	OMARA, MIS	2214	1968	40			1	0	0				L 16		
	SPAR MTN, MIS	2193	1963	#			2	0	0				L 2		
	MCCLOSKY, MIS	2225		#			2	0	0		40		L 11		
*LEXINGTON, WABASH, 1S, 14W			1947	160	6.6	428.0	15	1	0	5			A	MIS	3031
	CYPRESS, MIS	2585		10			1	0	0		32		S 10 AL		
	BENOIST, MIS	2733	1972	20			2	1	0				S 4		
	OHARA, MIS	2912	1968	130			1	0	0				L 3		
	MCCLOSKY, MIS	2970		#			12	0	0		38		L 8 AC		
LEXINGTON N, WABASH, 1S, 14W															
	STE. GEN., MIS	2915	1951	20	0.0	6.4	2	0	0	0	38		L MC	MIS	3045
				ABD 1958											
*LILLYVILLE, CUMBERLAND, EFFINGHAM, 8-9N, 6-7E			1946	180	18.1	544.5	13	0	0	7				DEV	4000
	SPAR MTN, MIS	2433	1968	180			1	0	0				S 6		
	MCCLOSKY, MIS	2425	1946	#			12	0	0		36		L 10 A		
LIS, JASPER, 7N, 9E															
	SPAR MTN, MIS	3022	1964	10	0.0	0.5	1	0	0	0	37		S	MIS	3050
				ABD 1967											
LITCHFIELD, MONTGOMERY, 8-9N, 5W															
	UNNAMED, PEN	660	1989	150	0.0	24.0	18	0	0	0	23	0.24	S X 0	STP	3000
				ABD 1904, REV 1942, ABD											

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
LITCHFIELD S, MONTGOMERY, 8N, 5W																	
	PENNSYLVANIAN	610	1967	50	0.0	0.0	4	0	2	2	23		S			PEN	690
*LIVINGSTON, MADISON, 6N, 6W																	
	PENNSYLVANIAN	535	1948	470	3.1	696.1	64	1	1	27	35		S		ML	ORD	2378
*LIVINGSTON S +, MADISON, 5-6N, 6W																	
	PENNSYLVANIAN	530	1950	590	29.8	472.5	66	0	0	47	35		S		ML	SIL	1735
*LOCUST GROVE, WAYNE, 1N, 9E																	
			1951	150	3.4	244.7	13	0	0	2						MIS	3428
	AUX VASES, MIS	3215		110			8	0	0		36		S	10			
	OMARA, MIS	3240		40			4	0	0				L	4			
	MCCLOSKY, MIS	3280		#			1	0	0		37		L	6			
LOCUST GROVE S, WAYNE, 1S, 9E																	
			1953	170	0.7	112.2	10	0	1	1						MIS	3410
	OMARA, MIS	3248	1958	170			2	0	0		39		L	6			
	SPAR MTN, MIS	3300	1953	#			5	0	1		37		L	10			
	MCCLOSKY, MIS	3286	1958	#			4	0	0		39		L	4			
				ABD 1971, REV 1972													
LOGAN, FRANKLIN, 7S, 3E																	
			1966	30	3.6	71.2	3	0	0	2						MIS	3176
	AUX VASES, MIS	2920	1968	10			1	0	0				S	8			
	SPAR MTN, MIS	3028	1966	20			1	0	0				L	4			
	MCCLOSKY, MIS	3082	1966	#			1	0	0		34		L	8			
LONG BRANCH, SALINE, HAMILTON, 7S, 6E																	
			1950	70	0.7	326.6	12	0	0	3					A	MIS	3389
	PALESTINE, MIS	2070		20			2	0	0				S	8	AL		
	CYPRESS, MIS	2745		20			3	0	0		37		S	13	AL		
	AUX VASES, MIS	3095		40			6	0	0		37		S	9	AL		
	MCCLOSKY, MIS	3220		20			2	0	0		37		L	5	AC		
LONG BRANCH S, SALINE, 8S, 6E																	
	CYPRESS, MIS	2660	1955	10	0.0	8.9	1	0	0	0			S	8		MIS	3210
				ABD 1971													
*LOUDEN +, FAYETTE, EFFINGHAM, 6-9N, 2-4E																	
			1937	24530	2986.4	356291.0	2338	2	71	1211					A	PC	8616
	CYPRESS, MIS	1500		21400			1579	2	43		36	0.25	S	30	A		
	BETHEL, MIS	1540		8710			354	0	35		38	0.24	S	15	A		
	BENOIST, MIS	1550		6880			713	0	10		38	0.20	S	10	A		
	AUX VASES, MIS	1600		540			10	0	2		37	0.17	S	6	AL		
	MCCLOSKY, MIS	1785	1955	10			1	0	0		37		L	4	AC		
	CARPER, MIS	2830		20			3	0	0		36		S	9	AL		
	GENEVA, DEV	3000		2630			94	1	0		28	0.48	D	15	A		
	TRENTON, ORD	3905	1955	20			2	0	0				L	12	A		
*LOUISVILLE N, CLAY, 4N, 6E																	
			1953	90	0.0	56.3	6	0	2	0					M	MIS	2977
	AUX VASES, MIS	2755	1953	40			2	0	0		37		S	10	ML		
	SPAR MTN, MIS	2812	1961	50			4	0	2		37		L	9	ML		
				ABD 1956, REV 1962, ABD 1973													
LOUISVILLE S, CLAY, 3N, 6E																	
			1960	20	0.0	0.0	2	0	0	0						MIS	3048
	AUX VASES, MIS	2823	1960	10			1	0	0		38		S	6			
	OHARA, MIS	2893	1960	10			1	0	0		36		L	2			
				ABD 1967													
LYNCHBURG, JEFFERSON, 3S, 4E																	
	MCCLOSKY, MIS	3045	1951	60	2.7	315.1	3	0	0	1	38		L		AC	MIS	3579
*MCKINLEY, WASHINGTON, 3S, 4W																	
			1940	250	0.9	762.4	30	0	0	6					D	ORD	3983
	BENOIST, MIS	1050		180			17	0	0		41	0.18	S	5	D		
	SILURIAN	2240		190			12	0	0		39		L	40	R		

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of dis-cov-ery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Com-pleted to end of 1973	Com-ple-ted in 1973	Aban-doned 1973	Pro-ducing end of year	Gr. °API	Sul-fur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
MACEDØNIA, FRANKLIN, 5S, 4E																	
	ULLIN, MIS	4097	1961	10	0,0	6,0	1	0	0	0	37		L	1		DEV	5249
				ABD 1965													
*MAIN C +, CRAWFØRD, LAWRENCE, JASPER, 5-8N, 10-14W																	
			1906	61830	1331,6	223565,4	11359	5	91	3253						STP	5317
	CUBA, PEN	510		59400			75	0			32		S	X	ML		
	UNNAMED, PEN	750		#			4	0					S	5	ML		
	RØBINSØN, PEN	950		#			9865	4			35		S	25	ML		
	PENNSYLVANIAN	1250		#			29	0					S	X	ML		
	BARLØW, MIS	1201	1968	10			1	0					ØL	10			
	CYPRESS, MIS	1480		650			42	0			33		S	15	ML		
	PAINT CREEK, MIS	1280		4940			0	0			36		S	30	ML		
	BETHEL, MIS	1400		#			164	1			36		S	18	ML		
	AUX VASES, MIS	1430		2850			127	0			35		S	15	ML		
	SPAR MTN, MIS	1515		680			2	0					S	6	MC		
	MCCL(ØBLØNG), MIS	1400		#			149	0			35		L	X	MC		
	SALEM, MIS	1815		290			14	0			37		L	5	MC		
	DEVØNIAN	2795	1941	50			3	0			37		L	11	MC		
*MAPLE GRØVE C, EDWARDS, WAYNE, 1-2N, 9-10E																	
			1943	2100	15,2	4482,9	114	2	2	27					A	MIS	3880
	AUX VASES, MIS	3145		480			33	2	2		38		S	15	A		
	ØHARA, MIS	3230		1650			4	0	0		27		L	3	AC		
	SPAR MTN, MIS	3250		#			1	0	0				L	1	AC		
	MCCLØSKY, MIS	3260		#			82	0	0		41		L	6	A		
	SALEM, MIS	3660	1967	10			1	0	0		39		L	4			
MAPLE GRØVE S, EDWARDS, 1N, 10E																	
	MCCLØSKY, MIS	3250	1945	20	0,0	10,5	2	0	1	0	38		L		MC	MIS	3358
				ABD 1950,REV 1970,ABD 1973													
MARCØE, JEFFERSØN, 3S, 2E																	
	MCCLØSKY, MIS	2745	1938	20	0,0	13,0	2	0	0	0	23	0,54	L	15	MC	MIS	3066
				ABD 1941													
*MARINE, MADISØN, 4N, 6W																	
	DEV-SIL	1700	1943	2440	32,0	11800,0	147	0	0	117	35	0,28	L		R	ØRD	2619
MARINE W, MADISØN, 5N, 7W																	
	DEVØNIAN	1653	1965	100	0,4	23,7	5	0	0	2	36		L			ØRD	2355
MARIØN, WILLIAMSØN, 9S, 3E																	
	AUX VASES, MIS	2385	1950	10	0,0	0,2	1	0	0	0	40		S	5		MIS	2560
				ABD 1951													
MARIØN E, WILLIAMSØN, 9S, 3E																	
	BETHEL, MIS	2295	1959	10	0,0	1,1	2	0	0	0	37		S			MIS	2642
				ABD 1963													
MARISSA W +, ST, CLAIR,RANDØLPH, 3-4S, 7W																	
	CYPRESS, MIS	215	1962	70	0,0	0,0	3	0	0	0	25		S	34		MIS	308
				ABD 1966													
*MARKHAM CITY, JEFFERSØN, 2-3S, 4E																	
	STE, GEN, MIS	3070	1942	340	15,1	1586,7	19	0	0	4	38		L		A	MIS	3215
*MARKHAM CITY N, JEFFERSØN, WAYNE, 2S, 4-5E																	
			1943	290	9,7	1424,5	23	0	0	9					A	MIS	3169
	AUX VASES, MIS	2950		120			9	0	0		38		S	6	AL		
	MCCLØSKY, MIS	3075		310			16	0	0		36	0,24	L	8	AC		
*MARKHAM CITY W, JEFFERSØN, 2-3S, 4E																	
			1945	500	3,2	2377,3	40	0	0	3					A	MIS	3797
	AUX VASES, MIS	2905		310			19	0	0		39		S	15	AL		
	MCCLØSKY, MIS	3035		310			23	0	0		37		L	7	AC		
	SALEM, MIS	3774	1969	10			1	0	0				L	4			
*MARTINSVILLE, CLARK, 9-10N, 13-14W																	
			1907	2590	X	X	355	0	4	186					D	STP	3411
	SHALLØW, PEN	255		2290			10	0	0				S	X	D		
	CASEY, PEN	500		#			97	0	4				S	X	D		

(CØNTINUED ØN NEXT PAGE)

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone				Oil production (M bbl)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)	Year of discovery	Area proved in acres	During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*MARTINSVILLE, CLARK, 9-10N, 13-14W							(CONTINUED FROM PREVIOUS PAGE)										
	MARTINSVILLE, MIS	480		500			27	0	0				L	X	0		
	CARPER, MIS	1340		1040			84	0	0		37		S	40	D		
	DEVONIAN	1550		700			45	0	0		36		L	X	0		
	TRENTON, ORD	2700		70			5	0	0		40		L	X	0		
				SEE CLARK COUNTY DIVISION FOR PRODUCTION													
*MASON N, EFFINGHAM, 6N, 5E																	
			1951	240	4.6	390.4	16	0	0	9					A	MIS	2553
	BENOIST, MIS	2290		180			11	0	0		38		S	13	AL		
	AUX VASES, MIS	2355		10			1	0	0		36		S	5	AL		
	SPAR MTN, MIS	2390		90			4	0	0				L	18	AC		
	MCCLOSKY, MIS	2475		#			3	0	0		37		L	5	AC		
MASSILON, WAYNE, EDWARDS, 1S, 9-10E																	
	OMARA, MIS	3255	1946	70	0.0	91.2	3	0	0	0	37		L	6	MC	MIS	3472
				ABD 1953													
MASSILON S, EDWARDS, 1S, 10E																	
	OHARA, MIS	3315	1947	10	0.0	0.3	1	0	0	0	37		L		MC	MIS	3391
				ABD 1947													
*MATTOON, COLES, 11-12N, 7-8E																	
			1939	5990	170.5	19480.8	548	0	1	256					A	STP	4915
	CYPRESS, MIS	1750		3190			247	0	0		39	0.16		X			
	AUX VASES, MIS	1900		570			28	0	0		32		S	15	AL		
	SPAR MTN, MIS	1950		4830			394	0	1		38	0.21	S	12	A		
	MCCLOSKY, MIS	2010		#			6	0	0		37		L	5	AC		
	CARPER, MIS	2950	1955	420			22	0	0		39		S	10	A		
	DEVONIAN	3162	1971	30			2	0	0					9			
*MATTOON N, COLES, 13N, 7E																	
	SPAR MTN, MIS	1902	1960	160	4.5	356.2	12	0	0	8	40		S		A	MIS	1967
MATTOON S, CUMBERLAND, 11N, 7E																	
	CARPER, MIS	3035	1962	50	0.0	4.7	3	0	0	0	38		S	1		MIS	3337
				ABD 1966													
MAUNIE E, WHITE, 6S, 11E																	
			1951	80	1.2	60.6	6	0	0	1					AF	MIS	3088
	TAR SPRINGS, MIS	2280		10			1	0	0		35		S	8			
	AUX VASES, MIS	2870	1951	70			5	0	0		35		S	20	AF		
				ABD 1952, REV 1955													
*MAUNIE N C, WHITE, 5-6S, 10-11E, 14W																	
			1941	2120	45.4	4855.9	177	0	0	48					A	MIS	3260
	PENNSYLVANIAN	1320		10			1	0	0		25		S	20	AL		
	WALTERSBURG, MIS	2305		130			10	0	0		37		S	12	AL		
	TAR SPRINGS, MIS	2350		160			10	0	0		35		S	10	AL		
	HARDINSBURG, MIS	2565		10			1	0	0		36		S	10	A		
	SAMPLE, MIS	2830		480			2	0	0		35		S	13	AL		
	BETHEL, MIS	2820		#			30	0	0		35		S	13	AL		
	RENAULT, MIS	2935		10			1	0	0		36		L	2	AC		
	AUX VASES, MIS	2930		870			89	0	0		36		S	13	AL		
	OMARA, MIS	2995		880			8	0	0		37		L	4	AC		
	SPAR MTN, MIS	3025		#			23	0	0		36		L	6	AC		
	MCCLOSKY, MIS	3035		#			24	0	0		33		L	10	AC		
*MAUNIE SOUTH C, WHITE, 6S, 10-11E																	
			1941	1730	50.8	7074.1	169	1	1	57					A	MIS	4023
	BRIDGEPORT, PEN	1400		170			10	0	0		24		S	7	AL		
	BIEHL, PEN	1649	1959	#			3	0	0		31		S	X	AL		
	DEGONIA, MIS	1900		120			13	0	0		35		S	10	AL		
	PALESTINE, MIS	2010		640			54	0	1		35		S	17	AL		
	WALTERSBURG, MIS	2210		20			2	0	0		37		S	19	AL		
	TAR SPRINGS, MIS	2270		790			50	0	0		37		S	16	AP		
	CYPRESS, MIS	2590		370			28	0	0		36		S	10	AL		
	BETHEL, MIS	2735		10			1	0	0		37		S	X	AL		
	AUX VASES, MIS	2845	1941	120			12	0	0		35		S	12	AL		
	SPAR MTN, MIS	2900		40			1	0	0				L	8	AC		
	MCCLOSKY, MIS	2920		#			4	0	0		35		L	6	AC		
	SALEM, MIS	3874	1973	10			1	1	0				L				
MAYBERRY, WAYNE, 2-3S, 6E																	
	MCCLOSKY, MIS	3350	1941	120	3.9	385.2	7	0	0	2	39	0.16	L		AC	DEV	5377

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
MAYBERRY N, WAYNE, 2S, 6E															
	MCCLOSKY, MIS	3330	1948	10	0.0	1.4	1	0	0	0	39		L	MIS	3463
				ABD 1950											
MECHANICSBURG, SANGAMON, 16N, 3W															
	SILURIAN	1734	1972	100	27.1	43.8	7	2	0	7			L	SIL	1761
*MELROSE, CLARK, 9N, 13W															
	ISABEL, PEN	840	1953	160	0.0		13	0	0	2	35		S 10	PEN	878
MELROSE S, CLARK, 9N 13W															
	ISABEL, PEN	865	1953	20	0.0	0.0	2	0	0	0	35		S	PEN	888
				ABD 1959, REV 1964, ABD 1969											
*MILETUS, MARION, 4N, 4E															
			1947	220	2.8	358.3	16	0	0	4			A	DEV	3950
	BENOIST, MIS	2140		130			8	0	0		35		S 7 A		
	AUX VASES, MIS	2200		140			8	0	0		36		S 7 A		
	MCCLOSKY, MIS	2350		50			3	0	0		36		L 5 A		
MILLERSBURG, BOND, 4N, 4W															
	DEVONIAN	2130	1967	20	0.0	10.3	2	0	0	0	38		S	DEV	2160
				ABD 1971											
*MILL SHOALS, WHITE, HAMILTON, WAYNE, 2-4S, 7-8E															
			1939	3220	184.1	11439.9	246	0	1	94			A	MIS	5455
	AUX VASES, MIS	3245		2700			197	0	1		36	0.14	S 11 A		
	OHARA, MIS	3320		1010			9	0	0				OL 11 AC		
	SPAR MTN, MIS	3345		#			14	0	0				LS 8 AC		
	MCCLOSKY, MIS	3375		#			38	0	0		36		OL 5 AC		
	ST. LOUIS, MIS	3546	1960	10			1	0	0		39		L 10 AC		
	SALEM, MIS	3970	1961	10			2	0	0		38		L 4 A		
	ULLIN, MIS	4110	1959	10			1	0	0		38		L 10 A		
MILLS PRAIRIE, EDWARDS, 1N, 14W															
	OMARA, MIS	2925	1948	10	0.0	1.9	1	0	0	0	37		L MC	MIS	3010
				ABD 1952											
MILLS PRAIRIE N, EDWARDS, 1N, 14W															
	OMARA, MIS	2925	1953	30	0.0	4.9	2	0	0	0	41		L 5 MC	MIS	3003
				ABD 1956											
MITCHELLSVILLE, SALINE, 10S, 6E															
			1955	30	0.4	22.6	3	1	0	2				MIS	2452
	DEGONIA, MIS	1330	1955	10			1	0	0		35		S 6		
	WALTERSBURG, MIS	1505		10			1	0	0		38		S 9		
	CYPRESS, MIS	2107	1973	10			1	1	0				S 20		
*MODE, SHELBY, 10N, 4E															
			1961	360	3.7	326.6	18	0	0	13				DEV	3265
	BETHEL, MIS	1682	1961	120			8	0	0		35		S 12		
	BENOIST, MIS	1742	1961	360			13	0	0		34		S 8		
	AUX VASES, MIS	1772	1961	10			2	0	0		37		S 8		
MONTROSE, EFFINGHAM, 8N, 7E															
	MCCLOSKY, MIS	2523	1968	80	6.5	109.4	6	0	0	3			L	MIS	3005
*MONTROSE N, CUMBERLAND, 9N, 7E															
	MCCLOSKY, MIS	2500	1969	20	2.3	17.7	2	0	0	2			O	MIS	2564
*MT. AUBURN C, CHRISTIAN, 15N, 1-2W															
	SILURIAN	1890	1943	7190	56.5	6406.2	420	0	15	160	37	0.28	L MU	TRN	2577
*MT. CARMEL ++, WABASH, 1N, 1S, 12W															
			1940	4480	280.3	17481.5	524	3	6	218			A	DEV	4237
	BRIDGEPORT, PEN	1370		1130			5	0	0		34		S 20 AL		
	BIEHL, PEN	1470		#			64	1	2		36	0.28	S 20 AL		
	JORDAN, PEN	1520		#			6	0	0				S 15 AL		
	PALESTINE, MIS	1580		60			5	0	0		35		S 10 AL		

(CONTINUED ON NEXT PAGE)

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
*MT. CARMEL ++, WABASH, 1N, 1S, 12W							(CONTINUED FROM PREVIOUS PAGE)								
	WALTERSBURG, MIS	1690		30			3	0	0		36		S 10 AL		
	TAR SPRINGS, MIS	1790		430			35	0	0		35		S 13 AL		
	JACKSON, MIS	2020		10			1	0	0				S 25 AL		
	CYPRESS, MIS	2025		3600			331	3	5		38	0.17	S 15 AL		
	SAMPLE, MIS	2095		180			4	0	0		37		S 7 AL		
	BETHEL, MIS	2110		#			13	0	0		35		S 16 AL		
	OHARA, MIS	2320		1260			17	0	0		35		OL 5 AC		
	SPAR MTN, MIS	2350		#			14	0	0		39	0.26	S 5 AL		
	MCCLOSKY, MIS	2360		#			65	0	0		37	0.42	OL 6 AC		
	SALEM, MIS	2696		10			1	0	0				L 14		
MT. ERIE N, WAYNE, 1N, 9E			1944	200	0.4	390.2	13	0	0	1			M	MIS	3366
	AUX VASES, MIS	3110		110			5	0	0		40		S 8 ML		
	OMARA, MIS	3170		130			2	0	0				L 6 MC		
	MCCLOSKY, MIS	3240		#			5	0	0		37		L 5 MC		
				ABD 1966, REV 1967											
MT. OLIVE +, MONTGOMERY, 8N, 5W	POTTSVILLE, PEN	605	1942	80	0.0		6	0	0	0	33	0.16	S 6 A	SIL	1878
MT. VERNON, JEFFERSON, 3S, 3E			1943	220	3.8	357.9	13	0	0	4			A	MIS	3262
	AUX VASES, MIS	2665		70			5	0	0		36		S 8 A		
	OHARA, MIS	2750		150			2	0	0				L 6 AC		
	MCCLOSKY, MIS	2800		#			8	0	0		39	0.18	L 7 AC		
MT. VERNON N, JEFFERSON, 2S, 3E	MCCLOSKY, MIS	2675	1956	20	0.9	61.9	2	0	0	2	38		L	MIS	2751
MURDOCK, DOUGLAS, 16N, 10E	PENNSYLVANIAN	370	1955	10			3	0	0	0	36		S 16	PEN	424
				ABD 1957, REV 1961, ABD 1968											
NASHVILLE, WASHINGTON, 2S, 3W			1973	340	181.3	181.3	23	23	1	22				ORD	3776
	DEVONIAN	2625	1973	30			3	3	0				D 20		
	SILURIAN	2650	1973	330			22	22	1		41		L 40 R		
NASON, JEFFERSON, 3-4S, 2E			1943	30	0.5	51.0	3	0	0	1			ML	MIS	3925
	OHARA, MIS	2758	1962	30			1	0	0		37		L 4		
	SPAR MTN, MIS	2790	1943	#			2	0	0		37		S 12 ML		
NEW BADEN E, CLINTON, 1N, 5W	SILURIAN	1935	1958	290	9.1	212.4	20	0	0	12	39		L R	SIL	2200
NEW BELLAIR, CRAWFORD, 8N, 13W			1942	130	0.0	10.0	8	0	0	1			M	DEV	2801
	ISABEL, PEN	650		20			2	0					S 3 ML		
	CYPRESS	1165		50		10.0	3	0			29	0.30	S 10 ML		
	AUX VASES, MIS	1280		60			3	0	0				S 20 M		
				ABD 1948, REV 1952, ABD 1954, REV 1956											
NEW CITY, SANGAMON, 14N, 4W	SILURIAN	1730	1954	420	7.8	197.4	36	1	1	14	39		L MU	SIL	1855
NEW CITY S, CHRISTIAN, 14N, 4W	SILURIAN	2008	1963	20	0.6	63.0	2	0	0	2	39			SIL	1918
NEW DOUGLAS S, BOND, 6N, 5W	PENNSYLVANIAN	640	1957	20	0.0	3.4	2	0	0	0	32		S	PEN	705
				ABD 1960											
*NEW HARMONY C ++, WHITE, WABASH, EDWARDS, 1N, 1-5S, 13-14W			1939	24920	1541.1	153252.2	2544	8	15	1023			A	SMK	7682
	JAMESTOWN, PEN	720		1770			3	0	0		32		S 13 AL		
	BRIDGEPORT, PEN	1340		#			9	0	0				S 7 AL		
	MANSFIELD, PEN	0		#			0	0	0				S X AL		

(CONTINUED ON NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Com- pleted to end of 1973	Com- ple- ted in 1973	Aban- doned 1973	Pro- ducing end of year	Gr. °API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
*NEW HARMONY C ++, WHITE, WABASH, EDWARDS, 1N, 1-5S, 13-14W (CONTINUED FROM PREVIOUS PAGE)															
	BIEHL, PEN	1850		#			123	0	0		33		S 20 AL		
	JORDAN, PEN	1760		#			0	0	0				S X AL		
	DEGONIA, MIS	1925		130			10	0	0		34		S 10 AL		
	CLORE, MIS	1980		100			11	0	0		36		S 10 AL		
	PALESTINE, MIS	2000		260			22	0	0		23		S 10 AL		
	WALTERSBURG, MIS	2155		1230			122	1	4		36	0.40	S 20 AL		
	TAR SPRINGS, MIS	2215		2470			208	0	0		31	0.19	S 26 AL		
	HARDINSBURG, MIS	2290	1958	20			1	0	0		35		L 10 AL		
	CYPRESS, MIS	2570		10830			1052	0	6		35		S 20 AL		
	SAMPLE, MIS	2660		10830			60	0	0		36		S 20 AL		
	BETHEL, MIS	2700		#			869	1	5		37	0.24	S 27 AL		
	RENAULT, MIS	2761		10			1	0	0		34		8		
	AUX VASES, MIS	2800		8330			616	2	2		38	0.19	S 15 AL		
	OHARA, MIS	2900		4930			39	1	0		39		OL 6 AC		
	SPAR MTN, MIS	2910		#			47	0	0		38		LS 10 AC		
	MCCLOSKY, MIS	2925		#			260	2	0		37	0.33	OL 8 AC		
	ST. LOUIS, MIS	3153		90			9	3	0		36		L X		
	SALEM, MIS	3364	1959	50			7	0	1		37		L 16 AC		
	ULLIN, MIS	3755		30			3	0	0		36		L 6 AC		
NEW HARMONY S (ILL), WHITE, 5S, 14W															
			1941	90	0.9	111.5	8	0	0	1			A	MIS	3207
	WALTERSBURG, MIS	2250		30			3	0	0		35		S 18 AF		
	TAR SPRINGS, MIS	2350		10			1	0	0		36		S 16 AF		
	CYPRESS, MIS	2670		10			1	0	0		35		S 8 AF		
	BETHEL, MIS	2815		20			2	0	0		36		S 10 AF		
	AUX VASES, MIS	3005		10			1	0	0		37		S 7 AF		
	MCCLOSKY, MIS	3010		20			1	0	0		37		L 5 AF		
*NEW HARMONY S (IND) ++, WHITE, 5S, 14W															
			1946	50	0.0	446.4	6	0	0	4			T	MIS	3068
	DEGONIA, MIS	1850		20			2	0	0		35		S 5 TF		
	PALESTINE, MIS	1955		50			1	0	0		24		S 10 TF		
	WALTERSBURG, MIS	2120		50			3	0	0		37		S 30 TF		
*NEW HAVEN C ++, WHITE, 7S, 10-11E															
			1941	630	18.9	2394.2	50	0	0	23			A	MIS	3900
	TAR SPRINGS, MIS	2105		250			19	0	0		38	0.27	S 12 AF		
	HARDINSBURG, MIS	2245		10			1	0	0		36		S 5 AF		
	CYPRESS, MIS	2445		450			17	0	0		39		S 12 AF		
	AUX VASES, MIS	2720		110			8	0	0		38		S 15 AF		
	OHARA, MIS	2799	1959	120			2	0	0				L 12 A		
	SPAR MTN, MIS	2828	1960	#			1	0	0				L 15 A		
	MCCLOSKY, MIS	2820		#			5	0	0		35		OL 6 AC		
NEW HEBRON E +, CRAWFORD, 6N, 12W															
	AUX VASES, MIS	1555	1954	50	0.0	0.3	4	0	0	0	35		S	MIS	1571
				ABD 1965											
*NEW MEMPHIS, CLINTON, 1N, 1S, 5W															
	SILURIAN	1980	1952	640	42.8	2379.0	36	0	0	34	41		L R	TRN	2900
NEW MEMPHIS N, CLINTON, 1N, 5W															
	DEV-SIL	2050	1954	90	0.5	42.5	7	0	0	7	40		L	ORD	2915
NEW MEMPHIS S, CLINTON, WASHINGTON, 1S, 5W															
	SILURIAN	2000	1952	20	0.0	0.7	2	0	0	0	27		L 25	ORD	2914
				ABD 1952, REV 1956, ABD 1961											
*NEWTON, JASPER, 6N, 9E															
	STE. GEN, MIS	2950	1944	50	1.8	102.1	6	0	0	1	37		L MC	MIS	3040
				ABD 1962, REV 1969											
NEWTON N, JASPER, 7N, 10E															
	MCCLOSKY, MIS	2855	1945	90	0.0	6.9	6	0	0	0	37		L MC	MIS	2941
				ABD 1948, REV 1960, ABD 1966											
NEWTON W, JASPER, 6-7N, 9E															
			1947	550	0.0	293.1	35	0	0	11				MIS	3425
	SPAR MTN, MIS	2912	1962	550			12	0	0				L 5		
	MCCLOSKY, MIS	3000	1947	#			29	0	0		38		L 7 MC		
				ABD 1947, REV 1952, ABD 1953, REV 1961											

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
NOBLE W, CLAY, 3N, 8E															
	MCCLOSKY, MIS	3035	1951	10 ABD 1959	0.0	9.3	1	0	0	0	36		L	MIS	3622
*OAKDALE, JEFFERSON, 2S, 4E															
			1956	390	7.1	824.8	30	0	0	21				MIS	3767
	AUX VASES, MIS	2860		370			26	0	0		38		S 35		
	MCCLOSKY, MIS	2985	1956	70			5	0	0		37		L 5		
*OAKDALE N, JEFFERSON, 2S, 4E															
	MCCLOSKY, MIS	2932	1960	170	11.3	651.1	12	0	0	7	37		0	MIS	3077
OAKLEY, MACON, 16N, 3E															
	CEDAR VALLEY, DEV	2285	1954	150 ABD 1965	0.0	22.9	9	0	0	0	37		L 5	DEV	2335
*OAK POINT, CLARK, JASPER, 8-9N, 14W															
			1952	770	6.1	540.8	61	0	0	32			M	DEV	2691
	ISABEL, PEN	560		10			1	0	0				S 10 ML		
	AUX VASES, MIS	1185	1955	670			53	0	0		37		S 17		
	CARPER, MIS	2220		90			7	0	0				S X ML		
OAK POINT W, CLARK, CUMBERLAND, 9N, 11E, 14W															
	AUX VASES, MIS	1190	1955	120	0.0	16.8	10	0	1	6	35		S	MIS	1560
*ODIN, MARION, 2N, 1-2E															
			1945	350	6.8	1843.9	34	0	0	26			A	DEV	3597
	CYPRESS, MIS	1750		340			30	0	0		37		S 13 AL		
	BENOIST, MIS	1912	1963	10			1	0	0		37		S 3		
	MCCLOSKY, MIS	2085	1957	30			4	0	0		37		L 12 A		
OKAWVILLE, WASHINGTON, 1S, 4W															
	SILURIAN	2325	1951	50 ABD 1969	0.0	63.3	4	0	0	0	40		L 3 R	SIL	2603
OKAWVILLE NC, WASHINGTON, 1S, 4W															
	DEV-SIL	2200	1955	220	6.3	133.9	17	0	0	11	40		L	ORD	3070
*OLD RIPLEY, BOND, 5N, 4W															
			1954	880	10.7	491.2	75	0	1	56				DEV	2221
	PENNSYLVANIAN	600	1954	870			74	0	1		34		S 17 A		
	AUX VASES, MIS	941	1964	10			1	0	0		36		S 19		
OLD RIPLEY N, BOND, 5N, 4W															
	HARDIN, DEV	1991	1962	20 ABD 1966	0.0	3.0	1	0	0	0	35		S	DEV	2040
*OLNEY C, RICHLAND, JASPER, 4-5N, 10															
			1938	3830	54.0	8088.5	219	4	2	35			A	MIS	3850
	AUX VASES, MIS	2918	1960	80			5	0	0		37		S X A		
	OHARA, MIS	3005		3770			15	0	1		37	0.19	L 6 A		
	SPAR MTN, MIS	3050		#			70	4	0		37	0.19	L 5 A		
	MCCLOSKY, MIS	3100		#			136	0	1		37	0.19	L 6 A		
*OLNEY S, RICHLAND, 3N, 10E															
			1937	970	10.0	1031.0	58	0	0	18			M	DEV	4910
	OHARA, MIS	3142	1962	970			1	0	0				L 4		
	SPAR MTN, MIS	3100		#			37	0	0		36		L 4 MC		
	MCCLOSKY, MIS	3115		#			36	0	0		37		L 3 MC		
*OMAHA +, GALLATIN, 7-8S, 8E															
			1940	1760	146.9	5606.2	160	0	5	101			D	DEV	5320
	JAKE CREEK, PEN	385		340			15	0	0		26		S 20 D		
	PENNSYLVANIAN	580		#			5	0	0		19		S 10 D		
	BIEHL, PEN	1335		#			5	0	2		22		S 10 D		
	PALESTINE, MIS	1700		410			27	0	1		27	0.24	S 15 D		
	TAR SPRINGS, MIS	1900		170			9	0	0		27		S 15 D		
	HARDINSBURG, MIS	2179	1961	80			6	0	0		29		S 18 D		
	CYPRESS, MIS	2402	1959	150			12	0	0		35		S 12 D		
	PAINT CREEK, MIS	2450	1961	40			1	0	0		37		S 10		

(CONTINUED ON NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
*OMAHA +, GALLATIN, 7-8S, 8E (CONTINUED FROM PREVIOUS PAGE)															
	BETHEL, MIS	2570	1955	#			3	0	0				S 14 0		
	AUX VASES, MIS	2730	1955	890			67	0	2		40		S 20 0		
	OMARA, MIS	2734	1958	350			18	0	0		39		L 14 0		
	SPAR MTN, MIS	2722	1958	#			5	0	0				S 8 0		
	MCCLOSKY, MIS	2800	1961	#			6	0	0				L X 0		
OMAHA E, GALLATIN, 8S, 8E			1946	130	0,0	61,2	11	0	0	1			M	MIS	3007
	CYPRESS, MIS	2530	1957	30			3	0	0		41		S 6 M		
	AUX VASES, MIS	2790		10			1	0	0		38		S X M		
	OMARA, MIS	2855		90			3	0	0		37		L 8 MCF		
	SPAR MTN, MIS	2942	1960	#			1	0	0				L 9 MCF		
	MCCLOSKY, MIS	2884	1958	#			3	0	0		38		L 10 MCF		
*OMAHA S, GALLATIN, SALINE, 8S, 7-8E			1951	140	1,2	90,7	9	0	0	2			N	MIS	3035
	CYPRESS, MIS	2535		90			5	0	0		36		S 15 NL		
	A X VASES, MIS	2870	1955	40			3	0	0		38		S 11 N		
	SPAR MTN, MIS	2865		10			1	0	0		37		L 1 NC		
				ABO 1965, REV 1969											
*OMAHA W, SALINE, GALLATIN, 7-8S, 7-8E			1950	160	17,4	361,1	13	0	0	11			A	MIS	3025
	CYPRESS, MIS	2600		70			6	1	0		37		S 14 AL		
	SAMPLE, MIS	2600	1967	80			5	0	0		38		S 12		
	AUX VASES, MIS	2800		20			2	0	0		37		S 30 AL		
	MCCLOSKY, MIS	2910		10			1	0	0		38		L 8 AC		
OMEGA, MARION, 3N, 4E			1946	70	0,0	25,4	5	0	0	0				MIS	2595
	BENOIST, MIS	2280	1963	10			1	0	0		38		S 3		
	MCCLOSKY, MIS	2490	1946	60			4	0	0		38		L 10 0		
				ABO 1949, REV 1963, ABO 1968											
OPDYKE, JEFFERSON, 3S, 4E			1961	40	0,0	7,2	2	0	0	0				MIS	3175
	OMARA, MIS	3016	1962	40			1	0	0				L 8		
	MCCLOSKY, MIS	3074	1961	#			2	0	0		37		OL 20		
				ABO 1967											
*ORCHARDVILLE, WAYNE, 1N, 5E			1950	200	13,1	340,7	17	0	0	12			A	MIS	4000
	SAMPLE, MIS	2655	1958	10			1	0	0		36		S A		
	AUX VASES, MIS	2800		190			13	0	0		38		S 16 AL		
	OMARA, MIS	2880		60			2	0	0		37		L 3 AC		
	MCCLOSKY, MIS	2905		#			4	0	0				L 5 AC		
ORCHARDVILLE N, WAYNE, 1N, 5E			1956	20	1,2	21,7	2	0	0	1				DEV	4684
	PAINT CREEK, MIS	0	1956	10			1	0	0				L 6		
	AUX VASES, MIS	0	1971	10			1	0	0				S 4		
				ABO 1964,REV 1971											
*ORIENT, FRANKLIN, 7S, 2E	AUX VASES, MIS	2660	1965	30	14,4	155,1	3	0	0	3	38		S	MIS	2850
ORIENT N, FRANKLIN, 7S, 2E	AUX VASES	2680	1967	10	0,0	0,3	1	0	0	0	38		S	MIS	3049
				ABO 1972											
*OSKALOOSA, CLAY, 3-4N, 5E			1950	480	7,2	2587,4	43	0	0	11			A	DEV	4480
	BENOIST, MIS	2595		450			40	0	0		37		S 15 A		
	AUX VASES, MIS	2643	1958	140			11	0	0		37		S X A		
	MCCLOSKY, MIS	2755	1957	260			13	0	0		36		L 5 A		
*OSKALOOSA E, CLAY, 3N, 5-6E			1951	30	0,0	35,2	2	0	0	0			A	MIS	3397
	AUX VASES, MIS	2820		20		7,0	1	0	0		37		S 5 AL		
	MCCLOSKY, MIS	2895		10		28,0	1	0	0		33		L 4 AC		
				ABO 1954											

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
ØSKALØØSA S, CLAY, 3N, 5E																	
	MCCLØSKY, MIS	2770	1951	130	3.2	76.9	10	0	0	6	33		L		AC	ØRO	5848
PANA, CHRISTIAN, 11-12N, 1E																	
	BENØIST, MIS	1470	1951	60	2.7	118.5	5	0	0	4	37		S			DEV	2847
PANAMA +, BØND, MØNTGØMERY, 7N, 3-4W																	
			1940	60	0.0	21.9	6	0	0	1					A	DEV	2016
	GØLCØNDA, MIS	705		40			4	0	0		31		L	12	A		
	BENØIST, MIS	865		20			2	0	0		28		S	12	A		
PANKEYVILLE, SALINE, 9S, 6E																	
			1956	30	0.0	6.1	2	0	0	0						MIS	2742
	CYPRESS, MIS	2250	1956	20		6.1	2	0	0		37		S	X			
	AUX VASES, MIS	2511	1961	10			1	0	0		38		S	22			
				ABD 1957, REV 1961,ABD 1961													
PANKEYVILLE E, SALINE, 9S, 7E																	
			1956	10	0.0	0.0	1	0	0	0						MIS	2604
	CYPRESS, MIS	2250		10			1	0	0		37		S	X			
	PAINT CREEK, MIS	2360		10			1	0	0		36		S	13			
				ABD 1957													
*PARKERSBURG C, RICHLAND, EDWARDS, 1-3N, 10-11E, 14W																	
			1941	5260	53.2	11033.8	314	1	1	70					A	DEV	5128
	PENNSYLVANIAN	2100	1967	1000			1	0	0		36		S	18			
	WALTERSBURG, MIS	2430		120			10	1	0		39		S	10	A		
	TAR SPRINGS, MIS	2440	1967	10			1	0	0		36		S	2	A		
	CYPRESS, MIS	2830		180			10	0	0		36		S	12	A		
	BETHEL, MIS	2930		310			20	0	0		30		S	12	A		
	AUX VASES, MIS	3070		20			2	0	0		37		S	20	A		
	ØHARA, MIS	3100		4670			4	0	0				L	10	A		
	SPAR MTN, MIS	3150		#			56	0	1		36	0.34	L	10	A		
	MCCLØSKY, MIS	3175		#			199	0	0		36	0.31	ØL	10	A		
PARKERSBURG S, EDWARDS, 1N, 14W																	
			1948	100	0.5	84.5	9	0	0	4						MIS	3187
	PENNSYLVANIAN	1400		70			6	0	0		35		S	10			
	CYPRESS	0		10			1	0	0		36		S	X			
	BETHEL, MIS	2815		20			3	0	0		35		S	5			
PARKERSBURG W, RICHLAND, EDWARDS, 2N, 10E																	
			1943	310	0.0	234.6	18	0	0	0					A	MIS	3780
	ØHARA, MIS	3220		390			1	0	0				L	5	AC		
	MCCLØSKY, MIS	3260		#			17	0	0		38		L	6	AC		
				ABD 1962, REV 1964,ABD 1965													
PARNELL, DEWITT, 21N, 4E																	
			1963	440	11.7	127.2	31	0	0	30						TRN	1971
	SØNØRA, MIS	671	1963	420			28	0	0		32		S	12			
	DEVØNIAN	1100	1964	20			3	0	0		37		S	12			
*PASSPØRT, CLAY, 4-5N, 8E																	
			1945	990	11.9	3336.9	64	1	0	23					A	MIS	3831
	AUX VASES, MIS	2924	1964	20			4	1	0		36		S	6			
	SPAR MTN, MIS	3005		970			2	0	0		38		L	5	AC		
	MCCLØSKY, MIS	3020		#			59	0	0		37		L	10	A		
PASSPØRT N, RICHLAND, 5N, 9E																	
	AUX VASES, MIS	2940	1959	60	2.3	62.9	5	0	0	3	36		S			MIS	3200
*PASSPØRT S, RICHLAND, CLAY, 4N, 8-9E																	
			1948	130	0.0	171.9	11	0	0	1					A	MIS	3692
	TAR SPRINGS, MIS	2368	1962	10			1	0	0		37		S	9			
	CYPRESS, MIS	2665		80			7	0	0		38		S	15	AL		
	AUX VASES, MIS	2957	1960	10			1	0	0		36		S	8	A		
	SPAR MTN, MIS	3025		40			1	0	0				L	6	AC		
	MCCLØSKY, MIS	3030		#			2	0	0		38		L	8	AC		
PASSPØRT W, CLAY, 4N, 8E																	

(CØNTINUED ØN NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
PASSPORT W, CLAY, 4N, 8E							(CONTINUED FROM PREVIOUS PAGE)								
	STE. GEN, MIS	3030	1954	150	0.0	69.4	11	0	0	1	37		L AC	MIS	3570
				ABD 1967, REV 1971											
*PATOKA, MARION, CLINTON, 3-4N, 1E, 1W															
			1937	1560	47.3	14543.6	242	0	0	109			O	ORD	4056
	CYPRESS, MIS	1280		60			8	0	0		39		S 10 O		
	BENOIST, MIS	1410		1000			180	0	0		37	0.16	S 27 O		
	AUX VASES, MIS	1459	1970	40			3	0	0				S 13		
	SPAR MTN, MIS	1550		510			15	0	0		41	0.31	S 9 O		
	GENEVA, DEV	2835		30			3	0	0		40	0.38	D 10 O		
	TRENTON, ORD	3950	1956	630			34	0	0		42		L 25 O		
*PATOKA E, MARION, 4N, 1E															
			1941	560	74.2	5449.4	64	0	0	38			O	ORD	4178
	CYPRESS, MIS	1340		560			54	0	0		36	0.18	S 16 O		
	BENOIST, MIS	1465		50			5	0	0		36	0.23	S 10 O		
	MCCLOSKY, MIS	1635		40			3	0	0		34		L 8 O		
	GENEVA, DEV	2950		20			2	0	0		35		D 30 R		
*PATOKA S, MARION, 3N, 1E															
			1953	1020	56.1	2200.3	83	1	0	63			A	ORD	4041
	CYPRESS, MIS	1350	1953	830			63	0	0		36		S 10 A		
	BENOIST, MIS	1461	1959	230			20	0	0		38		S 15 A		
	SPAR MTN, MIS	1624	1959	50			2	0	0				S 5 A		
	TRENTON, ORD	3990	1973	40			1	0	0		43		L 18		
PATOKA W, FAYETTE, 4N, 1W															
	BENOIST, MIS	1380	1950	200	0.0	303.6	20	0	0	0	32		S 6 A	MIS	1735
				ABD 1965											
*PHILLIPSTOWN C, WHITE, EDWARDS, 3-5S, 10-11E, 14W															
			1939	6730	547.9	27484.2	593	5	1	309			A	DEV	5350
	ANVIL ROCK, PEN	795		1690			1	0	0		36		S 10 AF		
	CLARK-BRDGPT, PEN	1350		#			14	0	0		36		S 10 AF		
	PENNSYLVANIAN	1450		#			14	0	0		36		S 10 AF		
	BUCHANAN, PEN	1550		#			25	0	0		30		S 15 AF		
	BIEHL, PEN	1875		#			81	1	1		33	0.22	S 15 AF		
	KINKAID, MIS	1954	1961	10			1	0	0				S 17 AF		
	DEGONIA, MIS	1975		740			60	0	0		36		S 15 AF		
	CLORE, MIS	2010		160			15	0	0		34		S 12 AF		
	PALESTINE, MIS	2050		90			8	0	0		32		S 11 AF		
	WALTERSBURG, MIS	2280		130			11	2	0		34		S 11 AF		
	TAR SPRINGS, MIS	2295		1090			88	1	0		35		S 15 AF		
	CYPRESS, MIS	2720		520			46	0	0		36		S 12 AF		
	PAINT CREEK, MIS	2780		1550			7	0	0		37		S 9 AF		
	BETHEL, MIS	2810		#			110	1	0		36		S 15 AF		
	AUX VASES, MIS	2880		1000			76	0	0		37		S 15 AF		
	OMARA, MIS	3010		2010			28	0	0		36		L 10 AC		
	SPAR MTN, MIS	2960		#			36	0	0		38	0.21	LS 10 AC		
	MCCLOSKY, MIS	3000		#			69	0	0		34	0.21	L 6 AC		
*PHILLIPSTOWN S, WHITE, 5S, 10E															
			1951	190	0.2	147.5	14	0	0	4			M	MIS	3161
	TAR SPRINGS, MIS	2345	1951	100			7	0	0		35		S 10 MF		
	AUX VASES, MIS	2985	1951	60			5	0	0		38		S 10 MF		
	SPAR MTN, MIS	3083	1961	20			1	0	0				L 8 MF		
	MCCLOSKY, MIS	3065	1957	#			1	0	0		36		L 4 M		
PINKSTAFF, LAWRENCE, 4N, 11W															
	MCCLOSKY, MIS	1735	1951	10	0.0	0.1	1	0	0	0	37		L	MIS	1797
				ABD 1951											
PINKSTAFF E, LAWRENCE, 4N, 11W															
	MCCLOSKY, MIS	1640	1955	10	0.0		1	0	0	0	35		L 6	MIS	2193
				ABD 1961											
PITTSBURG N +, WILLIAMSON, 8S, 3E															
			1964	40	6.1	46.4	4	0	0	4				MIS	3070
	BETHEL,MIS	2459	1972	10			1	0	0				S 8		
	AUX VASES,MIS	2578	1964	30			3	0	0				S 8		
PIXLEY, CLAY, 4N, 8E															
	CYPRESS, MIS	2680	1959	20	0.0	0.0	2	0	0	0	35		S	MIS	3121
				ABD 1960											

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
PLAINVIEW *, MACOUPIN, 9N, 8W																	
	PENNSYLVANIAN	410	1942	10	0,0	2,0	1	0	0	0	34		S	5		PEN	563
PLAINVIEW S, MACOUPIN, 8N, 8W																	
	PENNSYLVANIAN	444	1959	10 ABD 1962	0,0	X	1	0	0	0	23		S	8		PEN	642
POSEN, WASHINGTON, 3S, 2W																	
	TRENTON, ORD	3900	1952	50	2,9	102,8	4	0	0	1	37		L		A	ORD	3954
POSEN N, WASHINGTON, 3S, 2W																	
	TRENTON, ORD	4015	1953	10 ABD 1959	0,0	3,9	1	0	0	0	37		L	1	AC	ORD	4112
POSEN S, WASHINGTON, 3S, 2W																	
	BENOIST, MIS	1255	1955	50 ABD 1959	0,0	X	4	0	0	0	34		S			MIS	1300
POSEY, CLINTON, 1N, 2W																	
			1941	300	29,7	448,9	29	0	0	26					M	SIL	2798
	CYPRESS, MIS	1105	1941	290			28	0	0		36	0,18	S	5	M		
	DEVONIAN	2675	1959	10			1	0	0		38		L	5	M		
POSEY E, CLINTON, 1N, 2W																	
	DEV-SIL	2740	1952	460	19,0	559,6	26	0	0	23	38		L	8		DEV	2805
POSEY W, CLINTON, 1N, 3W																	
	DEVONIAN	2585	1954	10 ABD 1954	0,0	,8	1	0	0	0	37		L			DEV	2604
PRENTICE *, MORGAN, 16N, 8W																	
	PENNSYLVANIAN	270	1953	30	0,0	0,0	3	0	0	0	30		S	1		ORD	1513
PYRAMID, WASHINGTON, 2S, 1W																	
	DEVONIAN	3109	1962	100	0,0	44,1	6	0	0	1	36		S			DEV	3255
*RACCOON LAKE, MARION, 1N, 1E																	
			1949	380	15,8	3371,6	47	0	0	15					D	SIL	3530
	CYPRESS, MIS	1625		240			18	0	0		34		S	10	D		
	BENOIST, MIS	1715	1957	20			2	0	0		37		S	15	DL		
	OHARA, MIS	1885		190			1	0	0				L	5	DC		
	SPAR MTN, MIS	1930		#			11	0	0		36		S	12	DC		
	MCCLOSKY, MIS	1950		#			13	0	0		36		L	10	DC		
	DEV-SIL	3330		270			15	0	0		40		D	10	R		
*RALEIGH, SALINE, 7-8S, 6E																	
			1953	570	11,9	2216,4	49	0	0	17					A	MIS	3249
	TAR SPRINGS, MIS	2235		20			2	0	0		35		S	20	A		
	CYPRESS, MIS	2550		440			38	0	0		34		S	12	A		
	PAINT CREEK, MIS	2738	1958	10			1	0	0		34		S	5	A		
	AUX VASES, MIS	2905		80			8	0	0		38		S	5	A		
	OHARA, MIS	3054	1959	20			1	0	0				L	3	A		
	SPAR MTN, MIS	3025	1957	#			1	0	0		38		LS	10	A		
*RALEIGH S *, SALINE, 8S, 5-6E																	
			1955	370	29,6	1125,5	34	0	0	12						MIS	3092
	WALTERSBURG, MIS	2046	1959	60			4	0	0		39		S	10			
	BETHEL, MIS	2739	1958	10			1	0	0		37		S	8			
	AUX VASES, MIS	2860	1955	300			30	0	0		40		S	16			
RAYMOND, MONTGOMERY, 10N, 4-5W																	
	POTTSVILLE, PEN	590	1940	60	0,3	29,1	10	0	0	3	35	0,22	S		ML	DEV	2049
*RAYMOND E, MONTGOMERY, 10N, 4W																	
	PENNSYLVANIAN	595	1951	60	0,0	30,3	5	0	0	2	34		S			MIS	1008

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
RAYMOND S, MONTGOMERY, 10N, 4W															
	UNNAMED, PEN	603	1959	10	0,0	0,0	1	0	0	0	34		S	PEN	680
				ABD 1959											
RESERVOIR, JEFFERSON, 1S, 3E															
			1950	330	15,7	545,7	20	0	0	10			MC	MIS	3211
	SPAR MTN, MIS	2443	1959	320			2	0	0				S 7 M		
	MCCLOSKY, MIS	2700	1950	#			18	0	0		37		L 6 MC		
	SALEM, MIS	3034	1961	10			1	0	0		39		L 12 M		
*RICHVIEW, WASHINGTON, 2S, 1W															
	CYPRESS, MIS	1500	1946	750	212,0	2451,8	82	0	1	68	39		S AL	MIS	3291
RIDGWAY, GALLATIN, 8S, 8E															
			1946	20	0,0	0,1	2	0	0	0			MC	MIS	2938
	PALESTINE, MIS	1730	1955	10			1	0	0		30		S 18 ML		
	MCCLOSKY, MIS	2840	1946	10		0,1	1	0	0		38		L 6 MC		
				ABD 1946, REV 1955, ABD 1956											
RIFFLE, CLAY, 4N, 6E															
	SPAR MTN, MIS	2735	1948	80	0,0	80,9	5	0	0	0	36		L 7 MC	MIS	2848
				ABD 1961											
RINARD, WAYNE, 2N, 7E															
	MCCLOSKY, MIS	3145	1937	10	0,0	7,0	1	0	0	0	39		L 5 AC	MIS	3280
				ABD 1942											
RINARD N, WAYNE, 2N, 7E															
			1952	290	0,6	307,2	21	0	0	8			M	MIS	3467
	SPAR MTN, MIS	3135		290			1	0	0				L 6 MC		
	MCCLOSKY, MIS	3140		#			20	0	0		39		L 5 MC		
RINARD S, WAYNE, 1N, 6E															
	SPAR MTN, MIS	3268	1965	10	0,0	0,8	1	0	0	0	39		L	MIS	3347
				ABD 1966											
RITTER, RICHLAND, 3N, 10-11E															
	STE. GEN, MIS	3215	1950	110	2,9	256,8	6	0	0	1	38		L	MIS	3925
				ABD 1960, REV 1961											
*RITTER N, RICHLAND, 3N, 11E															
			1951	180	0,0	161,3	11	0	0	0				MIS	3288
	OHARA, MIS	3203	1960	180			1	0	0		39		L 6		
	SPAR MTN, MIS	3215	1952	#			8	0	0				L 6		
	MCCLOSKY, MIS	3205	1951	#			3	0	0				L 5		
				ABD 1967											
RIVERTON S, SANGAMON, 15N, 4W															
	SILURIAN	1590	1965	40	2,4	84,9	3	0	0	3	38		D	SIL	1670
ROACHES, JEFFERSON, 2S, 1E															
			1938	180	0,2	620,2	13	0	0	1			A	DEV	3840
	BENOIST, MIS	2000		10			3	0	0		38		S X AL		
	OHARA, MIS	2170		170			3	0	0		37	0,22	L 5 AC		
	SPAR MTN, MIS	2190		#			8	0	0		37	0,22	L 12 AC		
	MCCLOSKY, MIS	2250		#			6	0	0		37	0,22	L 4 AC		
*ROACHES N, JEFFERSON, 2S, 1E															
			1944	370	2,6	1107,5	35	0	0	22			A	TRN	4996
	BENOIST, MIS	1925		420			32	0	0		38		S 7 A		
	SPAR MTN, MIS	2115		60			4	0	0		34		L 8 AC		
	TRENTON	4852	1962	10			1	0	0		42		L 44		
ROBY, SANGAMON, 15N, 3W															
	SILURIAN	1775	1949	330	9,7	345,5	23	0	0	13	38		L MU	SIL	1905
				ABD 1951, REV 1954											
ROBY E, CHRISTIAN, SANGAMON, 15N,2-3W															
			1970	960	181,7	605,6	65	7	2	58				SIL	1923
	DEVONIAN	1757	1971	10			1	0	0				S 2		
	SILURIAN	1840	1970	960			65	7	2				L 20		

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Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
ROBY N, SANGAMON, 15N, 3W															
	SILURIAN	1699	1962	50	0,0	19,0	4	0	1	0	38		L	TRN	2300
				ABD 1964,REV 1971,ABD 1973											
ROBY W, SANGAMON, 15N, 3W															
	HIBBARD, DEV	1655	1957	20	0,3	4,1	3	1	0	2	37		S MU	TRN	2259
				ABD 1963, REV 1967											
*ROCHESTER ++, WABASH, 2S, 13W															
			1948	380	11,9	2517,2	51	0	1	29			M	MIS	2810
	PENNSYLVANIAN	1300		230			23	0	0		32		S 16 MC		
	WATERSBURG, MIS	1940		220			29	0	1				S 20 ML		
*ROLAND C +, WHITE, GALLATIN, 5-7S, 8-9E															
			1940	10980	945,0	55965,3	962	3	11	371			A	DEV	5266
	PENNSYLVANIAN	1410		30			6	0	1		35		S 10 A		
	DEGONIA, MIS	2065		40			4	0	0		35		S 7 A		
	CLORE, MIS	1993	1963	90			6	0	0		36		S 4		
	PALESTINE, MIS	2085		40			4	0	0		37		S 2 A		
	WALTERSBURG, MIS	2200		1870			121	1	3		31	0,25	S 15 AL		
	TAR SPRINGS, MIS	2300		690			47	2	0		35		S 15 AL		
	HARDINSBURG, MIS	2550		1910			153	1	0		37	0,30	S 20 AL		
	GOLCONDA, MIS	2505	1955	10			1	0	0		35		S 5 A		
	CYPRESS, MIS	2700		2460			157	1	2		36	0,12	S 15 AL		
	PAINT CREEK, MIS	2800		2290			38	0	0		35		S 12 AL		
	BETHEL, MIS	2800		#			87	0	0		37	0,20	S 12 AL		
	AUX VASES, MIS	2880		4230			262	0	3		38	0,12	S 13 AL		
	OHARA, MIS	3020		2400			28	0	1		36		OL 6 AC		
	SPAR MTN, MIS	3050		#			29	0	0		38		L 6 AC		
	MCCLOSKY, MIS	3070		#			101	0	2		38	0,20	L 6 AC		
	ST. LOUIS, MIS	0		50			5	0	0		37		L X AC		
	SALEM, MIS	4089		30			3	0	0		38		L 19		
	ULLIN	4050		20			2	0	0		38		L 4		
ROLAND W, SALINE, 7S, 7E															
	AUX VASES, MIS	2935	1950	10	0,0	22,3	1	0	0	0	40		S 1 ML	MIS	3161
				ABD 1959											
ROSE MILL, JASPER, 8N, 9E															
	MCCLOSKY, MIS	2695	1966	10	0,6	7,1	1	0	0	1	39		L	MIS	3052
*RUARK, LAWRENCE, 2N, 12-13W															
			1941	480	20,0	2588,0	50	0	0	19			A	MIS	2442
	PENNSYLVANIAN	1600		380			38	0	0		33		S 10 AL		
	BETHEL, MIS	2075		90			8	0	0		36		S 11 AL		
	AUX VASES, MIS	2145		30			3	0	0		37		S 7 AL		
	OMARA, MIS	2275		10			1	0	0		37		L 5 AC		
*RUARK W C, LAWRENCE, 2N, 13W															
			1947	730	27,7	1420,3	65	1	1	29			M	MIS	3112
	WALTERSBURG, MIS	1780		50			7	0	0		38		S 10 ML		
	CYPRESS, MIS	2165		10			1	0	0		35		S 9 ML		
	BETHEL, MIS	2220		580			45	1	0		37		S 20 ML		
	OMARA, MIS	2350		290			4	0	0				L 5 MC		
	SPAR MTN, MIS	2390		#			2	0	0				L 5 MC		
	MCCLOSKY, MIS	2400		#			18	0	1		38		L 3 MC		
*RURAL HILL N, HAMILTON, 5S, 5E															
			1949	100	0,0	211,6	8	0	0	0			M	MIS	3468
	CYPRESS, MIS	2930	1956	90			7	0	0		36		S 10 ML		
	SPAR MTN, MIS	3325		10			1	0	0		37		L 8 MC		
				ABD 1950, REV 1956,ABD 1969											
RUSHVILLE, SCHUYLER, 2N, 1W															
	DEV-SIL	743	1966	10	0,0	0,0	1	0	0	0	37		L 2	TRN	975
				ABD 1969											
RUSHVILLE NW, SCHUYLER, 2N, 2W															
	SILURIAN	669	1960	30	0,0	0,5	3	0	0	4	36		L AC	TRN	1038
RUSSELLVILLE GAS +, LAWRENCE, 4-5N, 10-11W															
	MCCLOSKY, MIS	1560	1937	10	0,0	12,4	2	0	0	0	35		L AC	DEV	3133
				ABD											

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock	avg. thickness in feet	structure	Zone	Depth (ft)
RUSSELLVILLE W, LAWRENCE, 2N, 11W																	
	SPAR MTN, MIS	1565	1955	10	0.0	2.0	1	0	0	0	37		L	2		MIS	1646
				ABD 1957													
*ST. FRANCISVILLE, LAWRENCE, 2N, 11W																	
	BETHEL, MIS	1845	1900	950	X	X	89	0	0	36	32		S		ML	MIS	2465
				SEE LAWRENCE COUNTY DIVISION FOR PRODUCTION													
*ST. FRANCISVILLE E, LAWRENCE, 2N, 11W																	
			1941	450	5.3	708.1	38	0	8	20					A	MIS	1960
	PENNSYLVANIAN	1260		60			6	0	0		30		S	8	AL		
	WALTERSBURG, MIS	1300		10			1	0	0		37		S	6	AL		
	HARDINSBURG, MIS	1460		40			3	0	0		35		S	6	AL		
	CYPRESS, MIS	1605		40			2	0	0		36		S	15	AL		
	BETHEL, MIS	1750		320			25	0	8		40	0.21	S	20	A		
	SPAR MTN, MIS	1822	1963	10			1	0	0		36		L	5			
*ST. JACOB, MADISON, 3N, 6W																	
	TRENTON, ORD	2260	1942	1050	37.5	3994.0	55	0	0	29	40	0.23	L		A	PC	5019
ST. JACOB E, MADISON, 3N, 6W																	
	HARDIN, DEV	1840	1955	10	0.0	1.1	1	0	0	0	23		S	X	U	ORD	2600
				ABD 1957													
*ST. JAMES, FAYETTE, 5-6N, 2-3E																	
			1938	2280	189.0	19877.8	263	0	3	143					A	DEV	3470
	GOLCONDA, MIS	1555		10			1	0	0		34		L	15	A		
	CYPRESS, MIS	1580		1900			200	0	0		34	0.31	S	16	A		
	BENOIST, MIS	1746	1959	10			1	0	0		36		S	8	A		
	SPAR MTN, MIS	1860		100			10	0	0		38		L	16	A		
	CARPER, MIS	3070	1961	670			52	0	3		37		S	35	A		
ST. PAUL, FAYETTE, 5N, 3E																	
			1941	380	10.2	995.7	36	0	2	20					A	DEV	3575
	BENOIST, MIS	1900		240			18	0	0		33	0.23	S	9	A		
	SPAR MTN, MIS	2080		10			1	0	0		38		L	6	A		
	CARPER, MIS	3288	1963	290			19	0	2		36		S	28			
*STE. MARIE, JASPER, 5N, 10-11E, 14W																	
	STE. GEN, MIS	2900	1941	1210	39.5	1991.2	71	0	6	11	37	0.14	L		AC	MIS	3470
STE. MARIE E, JASPER, 6N, 14W																	
	ST. GEN, MIS	2685	1949	70	2.2	24.1	8	0	0	1	38		L		MC	MIS	3191
				ABD 1951, REV 1966													
STE. MARIE W, JASPER, 5-6N, 10E																	
			1949	400	6.0	432.9	20	0	0	13					M	MIS	3225
	AUX VASES, MIS	2720	1949	10			1	0	0		38		S	25	ML		
	MCCLOSKY, MIS	2815		400			20	0	0		40		L	6	MC		
SAILOR SPRINGS CEN, CLAY, 3-4N, 7-8E																	
			1948	70	0.0	6.1	7	0	0	1					M	MIS	3128
	TAR SPRINGS, MIS	2330		50		1.0	5	0	0		37		S	6	ML		
	SPAR MTN, MIS	3015		20		5.0	2	0	0		33		L	4	MC		
				ABD 1955, REV 1957, ABD 1961, REV 1964													
*SAILOR SPRINGS C, CLAY, EFFINGHAM, JASPER, 3-6N, 6-8E																	
			1938	18410	919.3	55206.2	1369	5	21	649					A	DEV	4486
	TAR SPRINGS, MIS	2340		720			49	0	0		37	0.17	S	12	A		
	GLEN DEAN, MIS	2390		10			1	0	0		38		L	8	A		
	CYPRESS, MIS	2550		9590			694	2	12		38	0.28	S	12	A		
	BETHEL, MIS	2740		660			38	0	1		37		S	20	A		
	AUX VASES, MIS	2825		2270			167	0	1		35		S	13	A		
	OHARA, MIS	2900		7560			14	0	0		37		OL	6	A		
	SPAR MTN, MIS	2900		#			165	2	2				LS	8	A		
	MCCLOSKY, MIS	2925		#			320	1	8		40		OL	8	A		
	ST LOUIS, MIS	3310	1967	30			3	0	0		39		L	11	A		
SAILOR SPRINGS E, CLAY, 4N, 8E																	
			1944	180	0.7	78.3	15	0	1	2					O	MIS	3614
	CYPRESS, MIS	2695		110			10	0	0		36		S	8	O		
	MCCLOSKY, MIS	3020	1955	50			5	0	0		37		L	7	O		

(CONTINUED ON NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
SAILØR SPRINGS E, CLAY, 4N, 8E							(CONTINUED FROM PREVIOUS PAGE)								
	SALEM, MIS	3550	1967	20			1	0	1		38		L 6		
				ABD 1952, REV 1955, ABD 1956, REV 1960, ABD 1961, REV 1966											
SAILØR SPRINGS N, CLAY, 4N, 8E															
			1948	60	0.0	4.8	5	0	0	0			M	MIS	3126
	SPAR MTN, MIS	2985		60			3	0	0				L 2 MC		
	MCCLØSKY, MIS	3030		#			4	0	0		37		L 2 MC		
				ABD 1949, REV 1950, ABD 1951, REV 1955, ABD 1956, REV 1957, ABD 1960											
*SALEM C, MARIØN, JEFFERSØN, 1-2N, 1S, 1-2E															
			1938	13620	2891.3	355044.3	2854	4	16	1297			A	PC	9210
	BENØIST, MIS	1780		10830			623	0	9		38		S 40 A		
	AUX VASES, MIS	1825		7590			822	0	2		37	0.21	S 40 A		
	ØHARA, MIS	2075		9540			2	0	0		37		L 3 A		
	SPAR MTN, MIS	2100		#			151	0	0		37		LS 15 A		
	MCCLØSKY, MIS	2050		#			889	1	5		35		L 17 A		
	ST. LØUIS, MIS	2100		200			18	1	0		37		L X A		
	SALEM, MIS	2160		1370			276	1	3		37		L 17 A		
	DEVØNIAN	3440		5930			651	3	2		35	0.28	L 40 A		
	TRENTØN, ØRD	4500		1920			151	0	1		37		L 50 A		
SAMSVILLE, EDWARDS, 1N, 11E															
	WALTERSBURG, MIS	2420	1942	40	0.0	1.0	3	0	0	0	38		S A	MIS	3303
				ABD 1952											
*SAMSVILLE N, EDWARDS, 1N, 14W															
	BETHEL, MIS	2900	1945	200	0.6	258.5	16	0	0	1	38		S A	MIS	3220
SAMSVILLE NW, EDWARDS, 1N, 10E															
			1955	20	0.0	4.2	2	0	0	0				MIS	3349
	ØHARA, MIS	3190	1955	10			1	0	0		38		L 4		
	SPAR MTN, MISS	3301		10			1	0	0				L 10		
				ABD 1956,REV 1970,ABD 1972											
SAMSVILLE W, EDWARDS, 1N, 10E															
			1951	80	0.0	177.2	5	0	0	1				MIS	3425
	ØHARA, MIS	3260		80			3	0	0		40		L 6		
	SPAR MTN, MIS	3275		#			2	0	0				L 6		
	MCCLØSKY, MIS	3275		#			2	0	0		38		L 6		
SANDØVAL, MARIØN, 2N, 1E															
			1909	500	0.0	6110.6	153	0	0	0			D	STP	5023
	CYPRESS, MIS	1400		20			1	0	0		37		S 10 D		
	BENØIST, MIS	1540		480			123	0	0		35		S 20 D		
	GENEVA, DEV	2920		240			28	0	0		37	0.38	D 9 R		
SANDØVAL W, CLINTØN, 2N, 1W															
			1946	10	0.0	26.3	1	0	0	0			A	MIS	1604
	CYPRESS, MIS	1420	1946	10		26.3	1	0	0		37		S 4 A		
				ABD 1960											
SANTA FE, CLINTØN, 1N, 3W															
	CYPRESS, MIS	955	1944	10	0.0	1.5	1	0	0	0	34		S 1 A	DEV	2542
				ABD 1947											
*SCHNELL, RICHLAND, 2N, 9E															
			1938	80	4.8	331.4	9	0	0	5				MIS	3690
	AUX VASES, MIS	2956		69 30			3	0	0				S 10		
	MCCLØSKY, MIS	3000	1938	80			7	0	0		39	0.19	ØL 5 AC		
SCHNELL E, RICHLAND, 2N, 9E															
	MCCLØSKY, MIS	3115	1954	10	0.0	0.3	1	0	0	0	38		L AC	MIS	3313
				ABD 1954											
SCIØTA, MCDØNØUGH, 7N, 3W															
	DEVØNIAN	519	1960	10	0.0	0.0	1	0	0	0	28		L 16	SIL	760
				ABD 1960											
*SEMINARY, RICHLAND, 2N, 10E															
	MCCLØSKY, MIS	3195	1945	120	0.0	228.4	8	0	0	0	39		L 8 MC	MIS	3330
				ABD 1966											

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
*SESSER C, FRANKLIN, 5-6S, 1-2E															
			1942	1630	73.1	3181.4	106	0	0	67			A	DEV	4688
	CYPRESS, MIS	2455		50			3	0	0		38		S 5 AL		
	RENAULT, MIS	2690		340			26	0	0		39	0.17	S 10 AC		
	AUX VASES, MIS	2700		1230			72	0	0		38	0.17	S 10 AL		
	ØHARA, MIS	2675		110			2	0	0				L 8 A		
	SPAR MTN, MIS	2810		#			5	0	0				L 10 AC		
	MCCLOSKY, MIS	2840		#			5	0	0		39		L 5 AC		
	ST. LØUIS, MIS	3002		10			1	0	0		37		L 20 AC		
	CLEAR CREEK, DEV	4360		120			7	0	0		40		L X AC		
*SHATTUC, CLINTØN, 2N, 1W															
			1945	280	10.9	752.0	36	0	0	17			A	ØRD	4078
	CYPRESS, MIS	1280		150			15	0	0		36		S 7 AL		
	BENØIST, MIS	1420		80			7	0	0		35		S 13 AL		
	TRENTØN, ØRD	4020		180			15	0	0		42		L 13 A		
SHATTUC N, CLINTØN, 2N, 1W															
	BENØIST, MIS	1445	1961	10	0.0	2.4	1	0	0	0	36		S	MIS	1457
				ABD 1964											
SHAWNEETØWN, GALLATIN, 9S, 9E															
			1945	80	0.0	16.9	6	0	0	0			M	MIS	2837
	PALESTINE, MIS	1720	1955	40			2	0	0		35		S 28 M		
	WALTERSBURG, MIS	1900	1955	10			1	0	0		37		S 12 M		
	TAR SPRINGS, MIS	1960	1955	60			3	0	0		37		S X M		
	CYPRESS, MIS	2375	1956	10			1	0	0		38		S 14 M		
	BETHEL, MIS	2400	1968	10			1	0	0				S X		
	AUX VASES, MIS	2650		10			1	0	0		38		S 10 MF		
				ABD 1950, REV 1955, ABD 1960, REV 1968, ABD 1969											
SHAWNEETØWN E, GALLATIN, 9S, 10E															
			1952	30	0.0	18.3	4	0	0	2				MIS	2830
	WALTERSBURG, MIS	1855	1955	10			2	0	0		37		S 10		
	BETHEL, MIS	2480	1955	10			1	0	0		37		S X		
	AUX VASES, MIS	2660		10			1	0	0		38		S 9		
*SHAWNEETØWN N, GALLATIN, 9S, 10E															
			1948	50	0.0	104.9	4	0	0	0			MF	MIS	3091
	AUX VASES, MIS	2750	1955	40			3	0	0		38		S 20 MF		
	MCCLØSKY, MIS	3045		10			1	0	0		36		L 6 MF		
				ABD 1953, REV 1955,ABD 1966											
*SHELBYVILLE C, SHELBY, 11N, 4E															
	AUX VASES, MIS	1860	1946	110	0.4	39.5	9	0	0	1	34		S A	MIS	3301
SHUMWAY, EFFINGHAM, 9N, 5E															
	MCCLØSKY, MIS	2223	1965	10	0.0	3.4	1	0	0	0	37		L	MIS	2273
				ABD 1969											
SICILY, CHRISTIAN, 13N, 4W															
	SILURIAN	1860	1956	70	0.0	69.4	6	0	0	0	39		L 16	SIL	1884
				ABD 1967											
*SIGGINS, CUMBERLAND, CLARK, 10-11N, 10-11E, 14W															
			1906	4430	X	X	1124	0	7	469			D	TRN	3341
	1ST(UP)SIGGINS,PEN	400		4430			895	0			36		S 25 D		
	2ND(LØ)SIGGINS,PEN	460		#			95	0			36		S X D		
	3RD,4THSIGGINS,PEN	580		#			209	0			37		S 40 D		
	TRENTØN, ØRD	3013	1972	10			1	0	0		40		L 67		
				SEE CLARK CØUNTY DIVISIØN FØR PRØDUCTIØN											
SILØAM, BRØWN, 2S, 4W															
	SILURIAN	603	1959	280	2.0	227.3	26	0	1	13	35		D AC	STP	1115
*SØRENTØ C, BØND, 6N, 4W															
			1938	700	3.7	1920.6	58	0	0	5			A	TRN	2684
	PENNSYLVANIAN	570	1956	80			6	0	0		31		S 20 A		
	LINGLE, DEV	1875		640			52	0	0		36		S 8 A		
SØRENTØ W, BØND, 6N, 4W															
	DEVØNIAN	1880	1956	10	0.0	0.0	1	0	0	0	37		L X	ØRD	2706
				ABD 1956											

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
SPARTA +, RANDØLPH, 4-5S, 5-6W																	
	CYPRESS, MIS	850	1888	20	0.0	0.0	2	0	0	0	35		S		O	TRN	3130
				ABO 1900													
SPARTA S, RANDØLPH, 5S, 5W																	
	CYPRESS, MIS	880	1949	10	0.0	0.0	1	0	0	0	35		S		A	MIS	909
				ABO 1950													
SPRINGFIELD E, SANGAMØN, 15N, 4W																	
			1960	230	5.4	314.2	22	0	0	10					R	SIL	1705
	HIBBARD, DEV	1625	1960	10			1	0	0		37		S	4	O		
	SILURIAN	1600	1960	220			22	0	0		39		D	12	R		
*STAUNTØN +, MACØUPIN, 7N, 7W																	
	PENNSYLVANIAN	515	1952	30	0.0	3.9	2	0	0	1	35		S		A	ØRD	2371
*STAUNTØN W, MACØUPIN, 7N, 7W																	
	PENNSYLVANIAN	505	1954	240	0.0	99.9	24	0	0	14	35		S			SIL	1512
*STEWARDSØN, SHELBY, 9N, 6E																	
			1939	310	23.5	825.9	26	1	0	24						DEV	3414
	AUX VASES, MIS	1945	1939	310			25	1	0		38	0.18	S	9	A		
	SPAR MTN, MIS	2021	1958	70			5	0	0		37		S	4	A		
STEWARDSØN E, SHELBY, 9N, 6E																	
			1963	30	0.6	16.3	3	0	0	2						MIS	2280
	AUX VASES, MIS	2177	1963	10			1	0	0		38		S	6			
	SPAR MTN, MIS	2197	1963	30			3	0	0		37		S	6			
STEWARDSØN W, SHELBY, 10N-5E																	
	BENØIST, MIS	1920	1970	10	0.0	0.0	1	0	0	0			S	5		MIS	2102
				ABO 1971													
STIRITZ, WILLIAMSØN, 8S, 2E																	
	AUX VASES, MIS	2525	1971	60	22.9	113.8	4	0	0	4			S			MIS	2640
*STØRMS C +, WHITE, 5-6S, 9-10E																	
			1939	4630	330.3	19559.2	429	3	1	173					AM	DEV	5174
	PENNSYLVANIAN	1320		300			9	0	0		29		S	10	A		
	BIEHL, PEN	1840		*			14	2	0		35		S	4	AF		
	DEGØNIA, MIS	2090		180			13	0	0		35		S	7	AL		
	CLØRE, MIS	2100		240			29	0	0		35		S	10	AL		
	PALESTINE, MIS	2150		70			6	0	1		35		S	12	AL		
	WALTERSBURG, MIS	2230		2690			246	0	1		32	0.28	S	15	AL		
	TAR SPRINGS, MIS	2340		300			28	0	0		36		S	10	MF		
	HARDINSBURG, MIS	2476	1959	20			2	0	1		37		S	9	MF		
	CYPRESS, MIS	2700		310			21	1	0		34		S	10	MF		
	BETHEL, MIS	2810		40			4	0	0		37		S	X	MF		
	RENAULT, MIS	2990		20			2	0	0		39		L	5	A		
	AUX VASES, MIS	3000		1020			76	0	0		35		S	13	AF		
	ØHARA, MIS	3095		270			7	0	0		35		L	10	AC		
	SPAR MTN, MIS	3115		*			9	0	0		34		L	2	AC		
	MCCLØSKY, MIS	3055		*			8	0	0				L	5	MC		
	SALEM, MIS	3738	1968	10			1	0	0				L	6			
*STRINGTØWN, RICHLAND, 4-5N, 11E, 14W																	
	STE. GEN, MIS	3025	1941	550	2.4	1607.2	37	0	0	3	40	0.24	Ø		AC	MIS	3651
STRINGTØWN E, RICHLAND, 4N, 14W																	
	MCCLØSKY, MIS	3010	1948	10	0.0	2.0	1	0	0	0	37		L			MIS	3175
				ABO 1950													
STRINGTØWN S, RICHLAND, 4N-14W																	
	SPAR MTN, MIS	3117	1970	30	0.1	0.1	3	1	0	2			S			MIS	3186
STUBBLEFIELD S +, BØND, 4N, 3W																	
			1955	20	0.0	0.0	2	0	0	0						DEV	2455
	CYPRESS, MIS	985	1955	10			1	0	0		35		S	4			
	DEVØNIAN	2185	1963	10			1	0	0		37		L	8			
				ABO 1956, REV 1963, ABO 1965													

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Com- pleted to end of 1973	Com- ple- ted in 1973	Aban- doned 1973	Pro- ducing end of year	Gr. °API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
SUMNER, LAWRENCE, 4N, 13W															
	MCCLOSKY, MIS	2260	1944	20 ABD 1953	0.0	15.7	2	0	0	0	39		L MC	MIS	2365
SUMNER CEN, LAWRENCE, 4N, 13W															
	SPAR MTN, MIS	2544	1966	10 ABD 1968	0.0	0.0	1	0	0	0	37		L	MIS	3100
SUMNER S +, LAWRENCE, 3N, 13W															
	AUX VASES, MIS	2620	1964	60 ABD 1969	0.0	0.0	4	0	0	0	36		S	MIS	2990
SUMPTER, WHITE, 4S, 9E			1945	270	3.5	333.1	15	0	0	5			A	DEV	5504
	TAR SPRINGS, MIS	2575		190			10	0	0		37		S 18 AF		
	HARDINSBURG, MIS	2655		10			1	0	0		36		S 14 AF		
	CYPRESS, MIS	2860		60			4	0	0		37		S 15 AF		
	OHARA, MIS	3222	1960	10			1	0	0		36		L 6 A		
*SUMPTER E, WHITE, 4-5S, 10E			1951	1610	95.4	2460.0	98	0	11	47			A	MIS	3396
	CYPRESS, MIS	2795		220			18	0	4		37		S 16 AL		
	BETHEL, MIS	2922	1960	20			2	0	0		35		S 12 A		
	AUX VASES, MIS	3020		420			27	0	3		39		S 15 AL		
	OHARA, MIS	3115		1110			44	0	2		36		L 12 AC		
	SPAR MTN, MIS	3140		#			18	0	3		36		L 4 AC		
	MCCLOSKY, MIS	3150		#			3	0	0		33		L 5 AC		
*SUMPTER N, WHITE, 4S, 9E															
	AUX VASES, MIS	3185	1952	240	15.9	600.9	15	0	1	6	39		S NL	MIS	3425
*SUMPTER S, WHITE, 4-5S, 9E			1948	250	39.4	778.1	29	0	0	12			AF	MIS	3430
	TAR SPRINGS, MIS	2580		120			13	0	0		34		S 8 AF		
	BETHEL, MIS	3025		10			1	0	0		35		S 15 AF		
	AUX VASES, MIS	3260		210			16	0	0		36		S 10 AF		
SUMPTER W, WHITE, 4S, 9E															
	AUX VASES, MIS	3165	1952	20 ABD 1964	0.0	21.1 REV 1969	2	0	0	1	35		S NL	MIS	3336
TAMAROA +, PERRY, 4S, 1W			1942	320	6.6	408.3	21	0	0	10				TRN	4287
	CYPRESS, MIS	1120	1942	210			16	0	0		36	0.12	S 13 AL		
	TRENTON, ORD	4135	1964	110			6	0	0		38		L 40		
*TAMAROA S, PERRY, 4S, 1W															
	CYPRESS, MIS	1155	1957	250	7.4	282.9	20	0	1	12	28		S	MIS	1385
TAMAROA W, PERRY, 4S, 2W															
	CYPRESS, MIS	1100	1956	20	0.0	2.4	3	0	0	1	34		S 5	DEV	2902
TAYLOR HILL, FRANKLIN, 5S, 4E			1949	40	0.0	81.4	5	0	0	0				MIS	4093
	OHARA, MIS	3055	1949	40			3	0	0		38		L 4		
	ULLIN, MIS	3940		30 ABD 1968			2	0	0		38		L 15		
TEUTOPOLIS, EFFINGHAM, 8N, 6E			1966	160	4.6	118.5	10	0	0	9				MIS	2845
	SPAR MTN, MISS	2402	1966	150			10	0	0				L 5		
	MCCLOSKY, MIS	2530	1967	#			1	0	0		38		OL 4		
	ST LOUIS, MIS	2570	1967	40			3	0	0		39		L 4		
TEUTOPOLIS S, EFFINGHAM, 8N, 6E			1968	50	0.6	17.3	3	0	0	2				MIS	2950
	SPAR MTN, MIS	2477	1968	50			2	0	0				S 4		
	MCCLOSKY, MIS	2535	1968	#			2	0	0				OL 5		

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbl): During 1973	Oil production (M bbl): To end of 1973	Number of wells: Completed to end of 1973	Number of wells: Completed in 1973	Number of wells: Abandoned 1973	Number of wells: Producing end of year	Character of oil: Gr. °API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
*THACKERAY, HAMILTON, 5S, 7E															
			1944	830	55.4	4250.1	74	0	0	29			A	DEV	5611
	CYPRESS, MIS	3030		20			2	0	0		36		S 24 A		
	AUX VASES, MIS	3360		760			67	0	0		37		S 15 AL		
	OHARA, MIS	3435		120			1	0	0				L 5 AC		
	MCCLOSKY, MIS	3500		#			6	0	0		37		L 10 AC		
THOMPSONVILLE, FRANKLIN, 7S, 4S															
			1940	360	6.0	371.4	35	0	1	10				MIS	3777
	OHARA, MIS	3110	1967	310			7	0	1				L 4		
	SPAR MTN, MIS	3190	1967	#			1	0	0				LS 4		
	MCCLOSKY, MIS	3200	1940	#			19	0	0	8	38	0.16	L 10 A		
	ST LOUIS, MIS	3450	1967	60			8	0	0		39		L 10		
				ABD 1947, REV 1967											
*THOMPSONVILLE E, FRANKLIN, 7S, 4E															
	AUX VASES, MIS	3150	1949	180	10.4	582.8	14	0	3	1	38		S ML	MIS	3371
*THOMPSONVILLE N, FRANKLIN, 7S, 4E															
			1944	870	17.9	3683.9	87	0	0	18			A	MIS	3498
	CYPRESS, MIS	2750		20			1	0	0		37		S 10 AL		
	AUX VASES, MIS	3100		860			86	0	0		35		S 20 AL		
TILDEN, RANDOLPH, 4S, 5W															
	SILURIAN	2160	1952	610	75.7	4206.1	34	0	0	32	40		L R	ORD	3093
TILDEN N, ST CLAIR, WASHINGTON, 3S,5-6W															
	SILURIAN	2014	1968	190	47.8	599.6	14	0	0	14	42		L R	ORD	2810
TOLIVER E, CLAY, 5N, 6-7E															
			1943	90	0.0	230.3	7	0	0	1			M	MIS	3203
	CYPRESS, MIS	2510	1955	10			1	0	0		36		S 14 M		
	AUX VASES, MIS	2740	1967	20			2	0	0		36		S 4		
	SPAR MTN, MIS	2815		40			1	0	0		36		L 6 MC		
	MCCLOSKY, MIS	2840		#			3	0	0		36		OL 8 MC		
TOLIVER S, CLAY, 4N, 6E															
			1953	70	0.0	57.6	4	0	0	0			M	MIS	2915
	AUX VASES, MIS	2765		10		21.0	1	0	0		36		S MC		
	MCCLOSKY, MIS	2875	1956	60		37.0	3	0	0		34		L 5 MC		
				ABD 1964											
*TONTI, MARION, 2-3N, 2E															
			1938	570	61.9	13623.8	105	0	0	64			D	ORD	4900
	BENOIST, MIS	1930		140			16	0	0		36		S 20 D		
	AUX VASES, MIS	2005		170			23	0	0		36		S 30 D		
	SPAR MTN, MIS	2125		630			14	0	0				LS 12 D		
	MCCLOSKY, MIS	2130		#			71	0	0		38	0.21	OL 15 D		
	DEVONIAN	3500		80			7	0	0		37		D 7 H		
TOVEY, CHRISTIAN, 13N, 3W															
	SILURIAN	1850	1955	10	0.1	28.0	1	0	1	0	38		L	SIL	1881
				ABD 1973											
*TRUMBULL C, WHITE, 5S, 8-9E															
			1944	1490	157.5	3332.2	112	0	0	56			A	MIS	4125
	TAR SPRINGS, MIS	2528	1962	30			2	0	0		35		S 5		
	CYPRESS, MIS	2845		420			32	0	0		36		S 10 A		
	BETHEL, MIS	2955		50			2	0	0		37		S X A		
	AUX VASES, MIS	3170		520			42	0	0		37		S 9 A		
	OHARA, MIS	3230		660			19	0	0		36		L 15 AC		
	SPAR MTN, MIS	3270		#			13	0	0				L 6 AC		
	MCCLOSKY, MIS	3290		#			19	0	0				L 5 AC		
*TRUMBULL N, WHITE, 4S, 8E															
			1961	40	0.0	6.9	3	0	0	0				MIS	3537
	AUX VASES, MIS	3325	1961	20			1	0	0		36		S 6		
	MCCLOSKY, MIS	3466	1961	20			2	0	0		37		OL 16		
				ABD 1966											
TURKEY BEND, PERRY, 4S, 2W															

(CONTINUED ON NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
							(CONTINUED FROM PREVIOUS PAGE)								
TURKEY BEND, PERRY, 4S, 2W															
	TRENTON, ORD	3940	1957	10	1.3	45.2	1	0	0	1	35		L	ORD	4044
*VALIER, FRANKLIN, 6S, 2E															
			1942	110	1.5	94.5	6	0	0	2				MIS	2900
	AUX VASES, MIS	2685	1963	100			5	0	0		39		S 7		
	MCCLOSKY, MIS	2715	1942	10			1	0	0		39		L 12 ML		
				ABD 1945, REV 1963											
VIRDEN W, MACOUPIN, 12N, 7W															
	DEVONIAN	1361	1963	30	0.0	0.0	2	0	0	0	38		L 2	DEV	1390
				ABD 1971											
WAGGONER *, MONTGOMERY, 11N, 5W															
	POTTSVILLE, PEN	610	1940	30	0.0	12.0	6	0	0	0	28	0.21	S 10	SIL	1945
				ABD 1949, REV 1959, ABD 1960, REV 1963, ABD 1964											
WAKEFIELD, JASPER, 5N, 9E															
	SPAR MTN, MIS	3100	1946	40	0.0	1.7	2	0	0	0	38		L	MIS	3207
				ABD 1947, REV 1953, ABD 1954											
WAKEFIELD N, JASPER, 5N, 9E															
	MCCLOSKY, MIS	3000	1953	10	0.0	23.2	1	0	0	0	37		L	MIS	3204
				ABD 1958											
WAKEFIELD S, RICHLAND, 5N, 9E															
	MCCLOSKY, MIS	3040	1955	80	0.4	7.2	5	0	0	1	37		L	MIS	3650
				ABD 1955, REV 1969											
*WALPOLE, HAMILTON, 6-7S, 6E															
			1941	2140	46.6	10166.9	131	0	2	55			A	DEV	5325
	TAR SPRINGS, MIS	2465		110			7	0	0		37		S 15 AL		
	AUX VASES, MIS	3070		2020			119	0	1		37	0.13	S 20 A		
	SPAR MTN, MIS	3195		100			2	0	0				L 7 AC		
	MCCLOSKY, MIS	3162	1960	#			4	0	1		37		OL 7 AC		
	ST. LOUIS, MIS	3544	1960	10			1	0	0		38		L 8 AC		
WALPOLE S, HAMILTON, 7S, 6E															
	AUX VASES, MIS	3120	1951	40	1.0	122.9	2	0	0	2	37		S AL	MIS	3362
WALTONVILLE, JEFFERSON, 3S, 2E															
			1943	60	1.3	133.4	5	0	0	3			A	MIS	3375
	BENOIST, MIS	2460	1943	50			4	0	0		38	0.14	S 9 A		
	ST. LOUIS, MIS	2767	1962	10			1	0	0		37		L 14		
*WAMAC, MARION, CLINTON, WASHINGTON, 1N, 1E, 1W															
			1921	310	0.0	692.3	119	0	0	2			OF	ORD	4160
	PETRO, PEN	720	1921	300			117	0	0		36		S 20 OF		
	DEVONIAN	3015	1959	10			1	0	0		38		L 9 OF		
WAMAC E *, MARION, 1N, 1E															
	ISABEL, PEN	845	1952	140	0.0	49.2	11	0	0	4	30		S 15 ML	DEV	3405
				PAY ZONE IS ISABEL (WILSON SAND), PEN											
*WAMAC W, CLINTON, 1N, 1W															
			1962	230	39.7	832.3	25	0	0	21				MIS	1622
	CYPRESS, MIS	1312	1962	120			14	0	0		35		S 8		
	BENOIST, MIS	1466	1962	110			11	0	0		36		S 12		
WAPELLA E, DEWITT, 21N, 3E															
			1962	350	131.6	2362.2	36	0	0	36				STP	2216
	DEVONIAN	1108	1963	30			3	0	0		31		L 5		
	SILURIAN	1112	1962	350			36	0	0		31		D 6 R		
*WARRENTON-BORTON, EDGAR, COLES, 13-14N, 13-14W															
	UNNAMED, PEN	200	1906	470	0.0	32.0	46	0	0	0	31		S 20 ML	TRN	2212
WATERLOO, MONROE, 1-2S, 10W															

(CONTINUED ON NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
WATERLØØ, MØNRØE, 1-2S, 10W							(CØNTINUED FRØM PREVIØUS PAGE)										
	TRENTØN, ØRD	410	1920	160	0.0	238.0	41	0	0	3	30	0.97	L	50	A	PC	2768
				ABD 1930, REV 1939, CØNVERTED IN PART TØ GAS STØRAGE, 1951													
WATSØN, EFFINGHAM, 7N, 5-6E			1957	30	0.7	56.9	3	0	0	1						MIS	2647
	SPAR MTN, MIS	2415	1957	30			2	0	0				S	5			
	MCCLØSKY, MIS	2434	1958	#			1	0	0		38		L	11			
WATSØN W, EFFINGHAM, 7N, 5E																	
	AUX VASES, MIS	2208	1965	10	1.0	9.2	1	0	0	1	39		S			MIS	2316
WAVERLY +, MØRGAN, 13N, 8W																	
	DEV-SIL	1020	1946	20	0.0	0.0	1	0	0	0			L	1	A	ØRD	2070
				ABD,GAS STØRAGE IN ST PETER AND GALESVILLE													
WEAVER, CLARK, 11N, 10W			1949	530	27.3	2289.5	42	0	0	28					R	DEV	2160
	CØLE, MIS	1565		30			1	0	0		30		S	5	D		
	DEVØNIAN	2030		500			40	0	0		37		L	10	R		
*WEST FRANKFØRT C, FRANKLIN, 7S, 2-3E			1941	1680	78.6	7037.1	149	0	6	66					A	DEV	4869
	TAR SPRINGS, MIS	2060		680			70	0	3		39	0.13	S	20	A		
	AUX VASES, MIS	2710		400			35	0	0		39		S	20	AL		
	ØHARA, MIS	2760		850			44	0	3		38		L	8	AC		
	SPAR MTN, MIS	2810		#			6	0	0				L	8	AC		
	MCCLØSKY, MIS	2825		#			21	0	1		38		L	14	AC		
*WEST SEMINARY, CLAY, 2N, 7E			1959	320	0.5	819.7	29	0	0	3					MC	MIS	3198
	AUX VASES, MIS	2972	1959	230			18	0	0		37		S	10	MC		
	SPAR MTN, MIS	3059	1959	290			3	0	0				L	6	MC		
	MCCLØSKY, MIS	3068	1959	#			14	0	0		38		L	12	MC		
*WESTFIELD, CLARK, CØLES, 11-12N, 11E-14W			1904	9710	X	X	1830	0	3	239					D	STP	3009
	GAS, PEN	280		1260			232	0	1		29		S	25	D		
	WESTFIELD, MIS	335		8790			31	0	1		36		L	X	D		
	CARPER, MIS	875		580			28	0	1		38		S	18	D		
	TRENTØN, ØRD	2300		1710			87	0	0		38	0.18	L	40	D		
				SEE CLARK CØUNTY DIVISIØN FØR PRØDUCTIØN													
*WESTFIELD E +, CLARK, 11-12N, 14W																	
	PENNSYLVANIAN	400	1947	310	0.0	0.0	44	0	1	31	28		S	1	ML	MIS	795
WESTFIELD N, CØLES, 12N, 14W			1949	20	0.0	0.4	2	0	0	0						PEN	611
	PLEASANTVIEW, PEN	275		20		0.4	1	0	0		28		S	5			
	PENNSYLVANIAN	490		#		0.0	1	0	0				S	10			
				ABD 1957													
WHITEASH, WILLIAMSØN, 8S, 2E			1972	20	6.5	8.0	2	1	0	2						MIS	2651
	AUX VASES, MIS	2464	1973	10			1	1	0				S	12			
	ØHARA, MIS	2532	1972	20			2	1	0				L				
*WHITTINGTØN, FRANKLIN, 5S, 3E			1939	990	97.5	2383.1	73	1	4	50					A	DEV	4810
	HARDINSBURG, MIS	2310		430			27	0	2		38		S	10	A		
	CYPRESS, MIS	2535		240			16	0	3		38		S	10	A		
	PAINT CREEK, MIS	2612	1961	20			1	0	0		38		S	4	A		
	AUX VASES, MIS	2735		100			9	0	0		38		S	15	A		
	ØHARA, MIS	2835		380			12	0	0		37		L	10	AC		
	SPAR MTN, MIS	2880		#			6	1	0				L	10	AC		
	MCCLØSKY, MIS	2870		#			6	0	0		38	0.24	L	9	AC		
	ST. LØUIS, MIS	3080		30			4	0	0		38	0.24	L	6	AC		
WHITTINGTØN S, FRANKLIN, 5-6S, 3E																	
	CYPRESS, MIS	2580	1950	120	3.0	464.4	10	0	0	10	35		S		A	MIS	3045

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of dis-cov-ery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Com-pleted to end of 1973	Com-ple-ted in 1973	Aban-doned 1973	Pro-ducing end of year	Gr. °API	Sul-fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
*WHITTINGTØN W, FRANKLIN, 5S, 2-3E															
			1943	670	0,0	1571,2	38	0	0	2			A	MIS	3535
	BENØIST, MIS	2615		10			1	0	0		36		S 10 AL		
	RENAULT, MIS	2700		480			21	0	0		37		L X A		
	AUX VASES, MIS	2700		180			13	0	0		38		S 15 AL		
	ØHARA, MIS	2800		110			5	0	0				L 5 AC		
	SPAR MTN, MIS	2780		#			2	0	0				L 4 AC		
	MCCLØSKY, MIS	2900		#			3	0	0		38		L 6 AC		
WILBERTØN, FAYETTE, 5N, 2-3E															
			1959	1050	80,6	1572,6	55	0	0	35				ØRO	4528
	BØRDEN, MIS	2628	1963	1U			1	0	0		35		S 38		
	CARPER, MIS	3203	1961	1040			45	0	0		37		S 39		
	LINGLE, DEV	3466	1959	30			3	0	0		28		S 4		
*WILLIAMS C, JEFFERSØN, 2-3S, 2E															
			1948	490	26,4	1319,8	45	0	1	33			A	DEV	4578
	BENØIST, MIS	2490		230			17	0	0		39		S 10 AL		
	AUX VASES, MIS	255U		400			29	0	1		37		S 5 AL		
	MCCLØSKY, MIS	0		10			1	0	0		37		L AC		
*WØBURN C, BØND, 6-7N, 2W															
			1940	1430	24,2	4430,0	136	0	2	68			A	ØRO	3279
	CYPRESS, MIS	865		310			20	0	0		35		S 8 AL		
	BENØIST, MIS	1020		340			38	0	0		36	0,20	S 10 AL		
	RENAULT, MIS	1047	1958	10			1	0	0		36		L X AL		
	OX VASES, MIS	1055	1956	140			5	0	1		36		S 10 A	0	
	LINGLE, DEV	2275		720			56	0	1		35		S 8 AC		
	DENTØN, ØRO	3170		320			19	0	0		39	0,27	L 12 A	0	
*WØØDLAWN, JEFFERSØN, 2-3S, 1-2E															
			1940	1900	100,7	17912,8	194	0	0	83			A	ØRO	5101
	TAR SPRINGS, MIS	1440		30			3	0	0		35		S X AL		
	CYPRESS, MIS	1800		180			3	0	0		37		S 10 AL		
	BENØIST, MIS	1960		1860			175	0	0		38	0,16	S 25 A		
	AUX VASES, MIS	1975		270			24	0	0		39		S 10 A		
	SPAR MTN, MIS	2205		240			15	0	0		38		LS 15 A		
	MCCLØSKY, MIS	2200		#			1	0	0				L 3 A		
	LINGLE, DEV	3690		70			11	0	0		37		S 6 A		
XENIA, CLAY, 2N, 5E															
			1941	120	0,0	46,7	8	0	2	3			A	DEV	4745
	AUX VASES, MIS	2785	1941	10			1	0	0		35	0,19	S 13 A		
	CARPER, MIS	4230	1962	110			7	0	2		38		S 12		
XENIA E, CLAY, 2N, 5E															
			1951	300	10,1	864,9	29	0	0	12			A	MIS	4620
	CYPRESS, MIS	2500		260			18	0	0		37		S 6 AL		
	BENØIST, MIS	2710		110			9	0	0		35		S 6 AL		
	RENAULT, MIS	2755	1959	20			2	0	0		35		S 15 AL		
	AUX VASES, MIS	2741	1960	30			3	0	0		35		S 10 A		
YALE, JASPER, 8N, 11E															
			1966	30	0,0	1,8	3	0	0	3				MIS	2390
	SPAR MTN, MIS	2070	1966	30			1	0	0				L 10		
	MCCLØSKY, MIS	2140	1966	#			2	0	0		37		L 6		
*YØRK, CUMBERLAND, CLARK, 9-10N, 10-11E, 14W															
	ISABEL, PEN	590	1907	410			78	0	0	9	31		S 15 AM	DEV	2642
				SEE CLARK CØUNTY DIVISIØN FØR PRØDUCTIØN, ABD 1945, REV 1950											
*ZEIGLER, FRANKLIN, 7S, 2E															
	AUX VASES, MIS	2614	1963	350	103,1	1939,8	34	0	0	33	37		S	MIS	3030
ZENITH, WAYNE, 2N, 5E															
			1948	40	0,0	24,6	4	1	0	1				MIS	3381
	MCCLØSKY, MIS	2970	1948	30			3	1	0		38		L 7 AC		
	ST LØUIS, MIS	3088	1969	10			1	0	0				L 6		
				ABD 1956,REV 1969,ABD 1970,REV 1973											
*ZENITH E, WAYNE, 1N, 6E															

(CØNTINUED ØN NEXT PAGE)

TABLE 8 - ILLINOIS OIL FIELD STATISTICS, 1973 - Continued

Field, County location by township and range (*Secondary recovery - see Part II, p. 67-124)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbl)		Number of wells				Character of oil		Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)
*ZENITH E, WAYNE, 1N, 6E (CONTINUED FROM PREVIOUS PAGE)															
	SPAR MTN, MIS	3170	1965	250	5,6	312.4	14	0	0	12	37		L	MIS	3515
*ZENITH N, WAYNE, 2N, 6E															
			1951	420	58,9	1214.3	28	4	0	20			N	MIS	3935
	SPAR MTN, MIS	3080		280			14	0	0		38		L 6 NC		
	MCCLOSKY,MIS	3140	1972	#			6	0	0				L 4 NC		
	SALEM,MIS	3634	1972	180			12	4	0				L 6 NC		
ZENITH S, WAYNE, 1N, 5E															
			1949	300	0,0	765.9	15	0	0	0			M	MIS	3827
	OHARA, MIS	2920		300			2	0	0				L 6 MC		
	MCCLOSKY, MIS	2985		#			13	0	0		37		L 7 MC		
				ABD 1966, REV 1967,ABD 1970											
1973 PRODUCTION FOR WHICH FIELD ASSIGNMENTS ARE UNKNOWN					1093.3										
	TOTALS FOR 1973			593,080	30,669	2,972,922	64,989	249	677	24,283					

TABLE 9 - ILLINOIS GAS FIELD STATISTICS, 1973

Explanation of Abbreviations and Symbols

Field: N, North; S, South; E, East; W, West; C, Consolidated. Fields located in two or more counties have county names listed in order of discovery.

Age: Pc, Precambrian; Cam, Cambrian; Ord, Ordovician; St. P, St. Peter; Trn, Trenton; Sil, Silurian; Dev, Devonian; Mis, Mississippian; Pen, Pennsylvanian.

Kind of rock in pay zone: D, dolomite; L, limestone; LS, sandy limestone; S, sandstone.

Abd: Field abandoned.

Rev: Field revived.

Structure: A, anticline; D, dome; F, faulting an important factor in gas accumulation; f, faulting a minor factor in gas accumulation; L, lens; M, monocline; R, reef; X, structure not determined. Combinations of the letters are used where more than one factor applies.

× Correct figure not determinable.

* Field also listed in table 8 (oil production).

†† Gas storage project.

Field; county; location by township and range	Pay zone		Year of dis-covery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Com-pleted in 1973	Aban-doned 1973	Pro-ducing end of year	Kind of rock, average thickness in feet, structure			Zone	Depth (ft)
Albion C*; Edwards, White; 3S; 10E															
	Pennsylvanian	1,490	1940	50	0	0	2	1	0	0	S	6	MF	Dev	5,185
Ashmore E*; Edgar; 13N, 14W															
	Pennsylvanian	367	1973	10	0	0	1	1	0	0	S	22	×	Mis	1,880
Ashmore S* ††; Clark, Coles; 12N; 10-11E, 14W															
			1958	460	0	×	23	0	0	0			A	Trn	2,260
	Unnamed, Pen	430	1958	440		×	22				S	×	A		
	Osage, Mis	385	1963	20		×	1				S	×	×		
Ava-Campbell Hill*; Jackson; 7S; 3-4W															
	Cypress, Mis	780	1916	370	0	×	20	0	0	0	S	18	A	Trn	3,582
					Abd 1943; rev (oil) 1956; abd 1957										
Ayers Gas; Bond; 6N; 3W															
	Benoist, Mis	940	1922	325	0	298.7	21	0	0	0	S	5	A	Ord	3,044
					Abd 1950										
Beaver Creek N*; Bond; 4N; 2W															
	Benoist, Mis	1,132	1965	40	0	0	1	0	0	0	S	×	×	Dev	2,556
Beaver Creek NE Gas ††; Bond; 4N; 2W															
	Benoist, Mis	1,126	1961	70	0	×	7	0	0	0	S	5		Sil	2,487
Beaver Creek S*; Bond, Clinton; 3-4N; 2W															
	Cypress, Mis	1,015	1946	240	0	0	6	0	0	0	S	20	A	Sil	2,606
Beckemeyer Gas*; Clinton; 2N; 3W															
	Cypress, Mis	1,070	1956	80	0	0	2	0	0	0	S	23		Sil	2,730
					Abd 1958										
Bellair*; Crawford; 8N; 14W															
	Carper, Mis	1,772	1970	10	0	0	1	0	0	0	S	45		Dev	2,063
Beverly Gas; Adams; 3S; 5W															
	Silurian	450	1957	80	0	0	2	0	0	0	L	6	×	St.P	840
Black Branch E*; Sangamon; 15N; 4W															
	Silurian	1,695	1969	20	0	0	1	0	0	0	L	23		Sil	1,749
Boulder*; Clinton; 2-3N; 2W															
	Geneva, Dev	2,630	1941	320	0	0	4	0	0	0	D	7	R	Trn	3,813
					Abd 1965										
Boulder E*; Clinton; 3N; 1W															
	Devonian	2,840	1957	80	0	0	2	0	0	0	L	12	×	Sil	2,946
					Abd 1957										
Carlinville*; Macoupin; 9N; 7W															
	Unnamed, Pen	365		60	0	0	6	0	0	0	S	×	A	Mis	1,380
					Abd 1925; rev 1942										
Carlinville N*; Macoupin; 10N; 7W															
	Pottsville, Pen	440	1941	40	0	0	1	0	0	0	S	10	×	Trn	1,970
					Abd 1954										

TABLE 9 - ILLINOIS GAS FIELD STATISTICS, 1973 - Continued

Field; county; location by township and range	Pay zone		Year of discovery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Kind of rock, average thickness in feet, structure			Zone	Depth (ft)
Carlyle*; Clinton; 2N; 3W															
	Cypress, Mis	1,015	1958	10	0	×	1	0	0	0	S	×	AL	St.P	4,120
Casey*; Clark															
	Casey, Pen	440		×	0	×	×	0	1	0	S	×	AM	Trn	2,608
Claremont; Richland; 3N; 14W															
	Spar Mtn, Mis	3,200	1950	160	0 Abd 1952	0	1	0	0	0	L	5	MC	Mis	3,340
Cooks Mills C* tt; Coles, Douglas; 14N; 7-8E															
			1941	530	0	1,895.4	23	0	0	0			A	Dev	3,059
	Cypress, Mis	1,600		680	0	×	14				S	10	A		
	Aux Vases, Mis	1,800		40	0	×	1				S	8	A		
	Spar Mtn, Mis	1,765		450	0	×	6				S	15	A		
Corinth S; Williamson; 9S; 4E															
	Hardinsburg, Mis	2,232	1970	60	0	147.4	4	1	0	0	S	4		Mis	2,823
Oubois C*; Washington; 3S; 1-2W															
	Cypress, Mis	1,220	1939	400	0	0	10	0	0	0	S	10	AL	Ord	4,217
Oudley*; Edgar; 14N; 13W															
	Pennsylvanian	300	1948	170	0	×	5	1	0	0	S	20	M	St.P	2,997
Dudley W Gas; Edgar; 13N; 13W															
	Gas, Pen	380	1953	130	0	0	4	0	0	0	S	11	×	Pen	478
Eden Gas tt; Randolph; 5S; 5W															
	Cypress, Mis	875	1962	1,000	0	0	15	0	0	0	S			Mis	2,377
Eldorado C*; Saline; 8S; 7E															
			1941	300	0	3,673.5	15	0	0	0			A	Mis	3,606
	Palestine, Mis	1,920		120	0		3				S	20	AL		
	Waltersburg, Mis	2,055		80	0		2				S	20	AL		
	Tar Springs, Mis	2,225		40	0		3				S	17	AL		
	Hardinsburg, Mis	2,353	1962	120	0		3				S	5			
	Cypress, Mis	2,460		80	0		2				S	20	×		
Eldorado E*; Saline; 8S; 7E															
			1953	120	71.4	880.1	10	1	0	6			A	Mis	3,666
	Palestine, Mis	1,900		80			5	0	0		S	30	AL		
	Tar Springs, Mis	2,135		20			5	1	0		S	20	AL		
	Cypress, Mis			10			1								
Eldorado W*; Saline; 8S; 6E															
	Palestine, Mis	1,923	1960	10	0	0	1	0	0	0	S	27	×	Mis	3,138
Fishhook Gas; Adams, Pike; 3-4S; 4-5W															
	Edgewood, Sil	450	1955	7,260	0	0	69	0	1	0	L	5	×	St.P	1,018
Ficklin; Douglas; 16N; 8E															
	Spar Mtn, Mis	1,444	1966	40	0	0	1	0	0	0	S	20	×	Cam	5,301
Freeburg* tt; St. Clair; 1-2S; 7W															
	Cypress, Mis	380	1956	700	0	×	29	0	0	0	S	30	×	Ord	2,008
Gillespie-Benld (Gas)tt; Macoupin; 8N; 6W															
	Unnamed, Pen	540	1923	80	0 Abd 1935	135.8	5	0	0	0	S	×	A	Pen	603
Gillespie W; Macoupin; 8N; 7W															
	Unnamed, Pen	525	1958	10	0	0	1	0	0	0	S	×	×	Pen	565
Grandview*; Edgar; 12-13N; 13W															
			1945	430	0	×	14	1	0	0			M	Ord	2,694
	Gas, Pen	400		390	0	×	13	1			S	×	ML		
	Salem, Mis	570		40	0	×	1	0			L	2	ML		

TABLE 9 - ILLINOIS GAS FIELD STATISTICS, 1973 - Continued

Field; county; location by township and range	Pay zone		Year of discovery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Kind of rock, average thickness in feet, structure			Zone	Depth (ft)
Greenville Gas*; Bond; 5N; 3W															
	Lindley (1st and 2nd), Mis	925	1910	180	0	990.0	4	0	0	0	S	x	A	Trn	3,184
					Abd 1923; rev 1957; abd 1958										
Harco, Harco E and Raleigh S*; Saline; 8S; 5E															
	X, Mis	x	1954	x	21.0	2,208.5	x	0	0	2				Mis	3,424
Harrisburg*; Saline; 8S; 6E															
	Tar Springs, Mis	2,085	1952	160	0	93.2	1	0	0	0	S	6	x	Mis	2,930
					Abd 1971										
Herald C*; Gallatin, White; 6-8S; 9-10E															
			1939	1,080	0	x	19	0	0	0			A	Mis	4,055
	Anvil Rock, Pen	700		360	0	x	9				S	25	AL		
	Pennsylvanian	1,750		120	0	x	3				S	18	AL		
	Waltersburg, Mis	2,240		120	0	x	3				S	10	A		
	Tar Springs	2,315		480	0	x	4				S	6	AL		
Hutton*; Coles; 11N; 10E															
	Pennsylvanian	620	1965	80	0	0	2	0	0	0	S	x	x	Mis	969
Inclose*; Clark, Edgar; 12N; 13-14W															
	Pennsylvanian	540	1941	370	0	x	13	0	1	0	S	12	x	Mis	1,600
Jacksonville (Gas)*; Morgan; 15N; 9W															
	Gas, Pen, Mis	330	1910	1,320	0	x	45	0	0	0	LS	5	ML	Ord	1,390
					Abd 1939										
Johnston City E; Williamson; 8S; 3E															
	Tar Springs, Mis	1,930	1965	80	44.2	814.3	4	0	0	3	S	10	x	Mis	2,968
Kansas Gas; Edgar; 13N; 14N															
	Unnamed, Pen	410	1958	30	0	x	3	0	0	0	S	x	x	Mis	778
Livingston East; Madison; 6N; 6W															
	Pennsylvanian	540	1951	60	0	0	3	0	0	0	S	12	x	Mis	815
Livingston S*; Madison; 6N; 6W															
	Pennsylvanian	530	1950	40	0	0	1	0	0	0	S	2	ML	Sil	1,735
Louden* tt; Fayette; 7N; 3E															
			1937	1,760	0	x	14	0	0	0			A	Pc	8,616
	Burtschi, Pen	1,000		320	0	x	5				S	20	AL		
	Tar Springs, Mis	1,170		1,440	0	x	9				S	2	AL		
Main C*; Crawford, Lawrence; 5-8N; 10-14W															
			1906	x	x	x	x	0	0	0			M	St.P	5,317
	Robinson, Pen	1,000		x	0	0	x	0	0		S	x	ML		
	Hardinsburg, Mis	1,075		160	0	x	1	0	0		S	40	ML		
	Cypress, Mis	1,425		320	0	x	2	0	0		S	6	ML		
	Aux Vases, Mis	1,527	1959	60	0	x	6	0	0		S	8	ML		
Marion E*; Williamson; 9S; 3E															
	Aux Vases, Mis	2,406	1966	40	0	0	1	0	0	0	S	4	x	Mis	2,642
Marissa W (Gas)*; St. Clair; 3S; 7W															
	Cypress, Mis	241	1960	60	0	x	7	0	0	0	S	25		Ord	2,413
Mattoon*; Coles; 12N; 7E															
	Devonian	3,124	1948	630	1,394.4	2,171.7	20	3	0	25	L	4		St.P	4,915
Mt. Olive*; Montgomery; 8N; 5W															
	Pottsville, Pen	605	1942	100	0	x	4	0	0	0	S	6	A	Dev	1,819
New Athens Gas; St. Clair; 2S; 7W															
	Cypress, Mis	250	1961	160	0	0	4	0	0	0	S	13		Mis	311

TABLE 9 - ILLINOIS GAS FIELD STATISTICS, 1973 - Continued

Field; county; location by township and range	Pay zone		Year of discovery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Kind of rock, average thickness in feet, structure			Zone	Depth (ft)
New Hebron E*; Crawford; 6N; 12W															
	Robinson, Pen	866	1968	30	0	0	3	0	0	0	S	×	×	Mis	1,571
Omaha*; Gallatin; 7-8S; 8E															
			1940	130	39.7	217.3	4	1	0	2			0	Mis	3,408
	Palestine, Mis	1,865	1973	10			1	1	0		S		0		
	Tar Springs, Mis	1,900	1940	120			3	0	0		S	15	0		
Panama*; Bond, Montgomery; 7N; 3-4W															
			1940	280	0	×	7	0	0	0			A	Dev	2,016
	Pennsylvanian	575		160	0	×	4				S	30	A		
	Benoist, Mis	865		120	0	×	3				S	12	A		
Pittsburg N Gas*; Williamson; 8S; 3E															
	Hardinsburg, Mis	2,151	1962		1.4	10.0		0	0	1	S	6		Mis	3,070
Pittsfield (Gas); Pike; 5S; 4-5W															
	Niagaran, Sil	265	1886	8,960	0 Abd 1930	×	68	0	0	0	L	10	A	Pc	2,226
Plainview*; Macoupin; 8N; 8W															
	Pennsylvanian	441	1961	20	0	0	2	0	0	0	S	20	×	Pen	563
Prentice*; Morgan; 16N; 8W															
	Pennsylvanian	260	1953	290	0	0	7	0	1	0	S	15	×	Ord	1,513
Raleigh*; Saline; 8S; 6E															
	Waltersburg, Mis	2,307	1962	50	47.2	499.9	2	0	0	3	S	7	×	Mis	3,249
Redmon N; Edgar; 14N; 13W															
	Pennsylvanian	365	1955	50	0	0	2	0	0	0	S	3	×	Mis	450
Richwood (Gas) ††; Crawford; 6N; 11W															
	Pennsylvanian	612	1959	160	0	28.6	4	0	0	0	S	9	×	Pen	1,001
Roland C*; Gallatin; 7S; 8E															
	Waltersburg, Mis	2,150	1940	160	0	0	1	0	0	0	S	19	AL	Dev	5,266
Russellville Gas*; Lawrence; 4-5N; 10-11W															
			1937	1,800	0 Abd 1949	7,081.6	60	0	0	0			A	Dev	3,133
	Bridgeport, Pen	760		×	0	×	18			0	S	15	AL		
	Buchanan, Pen	1,100		×	0	×	42				S	12	AL		
St. Libory; St. Clair; 1S; 6W															
			1964	240	0	0	7	0	0	0				Sil	1,997
	Cypress, Mis	622	1965	40	0	0	1				S	11	×		
	Benoist, Mis	754	1964	40	0	0	1				S	22	×		
	Aux Vases, Mis	825	1964	120	0	0	4				S	10	×		
	Silurian			120	0	0	3				L		×		
Spanish Needle Creek (Gas); Macoupin; 9N; 7W															
	Unnamed, Pen	305	1915	80	0 Abd 1934	14.4	7	0	0	0	S	×	0	Trn	2,070
Sparta*; Randolph; 4-5S; 5-6W															
	Cypress, Mis	850	1888	160	0 Abd 1900	×	18	0	0	0	S	7	0	Trn	3,130
Staunton (Gas)*; Macoupin; 7N; 7W															
	Unnamed, Pen	460	1916	400	0 Abd 1919	1,050.0	18	0	0	0	S	×	A	Ord	2,371
Stiritz*; Williamson; 8S; 2E															
	Tar Springs, Mis	1,951	1971	10	18.6	36.8	1	0	0	1	S	14		Mis	2,640

TABLE 9 - ILLINOIS GAS FIELD STATISTICS, 1973 - Continued

Field; county; location by township and range	Pay zone		Year of discovery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone	Deepest test	
	Name and age	Depth (ft)			During 1973	To end of 1973	Completed to end of 1973	Completed in 1973	Abandoned 1973	Producing end of year	Kind of rock, average thickness in feet, structure	Zone	Depth (ft)
Storms C*; White; 5-6S; 9-10E													
			1939	440	0	×	9	0	0	0	A	Dev	5,174
	Gas, Pen	1,090		170	0	×	2				S 40 Af		
	Waltersburg, Mis	2,230		280	0	×	7				S 15 AL		
Stubblefield S*; Bond; 4N; 4W													
			1962	180			6	0	0	0		Dev	2,455
	Pennsylvanian	660	1971	10			1				S × ×		
	Cypress, Mis	920	1962	170	0	0	5				S × ×		
Sumner S (Gas); Lawrence; 3N; 13W													
	Aux Vases, Mis	2,566	1959	40	0	0	2	0	0	0	S 10	Mis	2,990
Tamaroa*; Perry; 4S; 1W													
	Cypress, Mis	1,120	1942	20	0	0	2	0	0	0	S 13 AL	Trn	4,287
Tilden N Gas ††; Washington, St. Clair; 3S; 5-6W													
	Cypress, Mis	780	1961	×	0	×	×	1	0	0	S 25	Ord	2,810
Waggoner*; Montgomery; 11N; 5W													
	Pottsville, Pen	523	1959	10	0	0	1	0	0	0	S 2 ×	Sil	1,945
Wamac East* ††; Marion; 1N; 1E													
	Petro, Pen	856	1958	90	0	×	9	0	0	0	S × M	Dev	3,405
Waverly* ††; Morgan; 13N; 8W													
			1946	900	0	0	8	0	0	0	A	Ord	2,070
	Pennsylvanian	250		160	0	0	1				S 13 AL		
	Devonian	1,000		700	0	0	6				L 10 A		
	Trenton, Ord	1,513	1963	40	0	0	1				L × ×		
Westfield E*; Clark; 12N; 14W													
	Pennsylvanian	400	1947	60	0	0	3	0	0	0	S 11 ML	Mis	795
Totals for Illinois (estimated)				35,570	1,637.8	23,185.9	737	13	0	43			

PART II. WATERFLOOD OPERATIONS

T. F. Lawry

SUMMARY OF SECONDARY RECOVERY OPERATIONS

During 1973, 16 waterfloods were in-
talled or were reported for the first time. Data
or these projects are reported in table 11 and
ummarized in tables 10, 12, 13, and 14 along
vith current information for older waterfloods
lready active or abandoned. Eight of the proj-
cts reported for the first time in 1973 were new
r current, five were 2 years old or older, and
hree were "adjacent to active waterflood."
he latter do not have any active injection wells,
ut are responding to the adjacent waterflood
vith a noticeable production increase. Twenty-
ix waterfloods were abandoned during 1973;
7 were abandoned in 1972. The effect of in-
reased crude oil prices seems to be shown in
his reduction in the number of waterflood project
bandonments. Apparently operators were able
o extend the life of marginally profitable water-
loods because of the increased income.

New waterflood projects added 2,006
ay acres to the productive area subject to fluid
njection. Expansion, additional development,
nd revision of acreage assigned to earlier proj-
cts added 1,014 pay acres to the total acreage
nder flood. Total acreage under waterflood is
ow 392,385 acres; pressure maintenance area
s 5,378 acres; total pay area subject to second-
ry recovery methods is 397,763 acres. The
otal secondary recovery area is 52.1 percent
f the total productive pay acreage in the state.

On the basis of data received from operators, as well as production estimated for non-reporting projects, a figure of 21,950,700 barrels of oil was established for secondary recovery oil. Waterfloods accounted for 21,669,800 barrels, or 70.8 percent, of the state's total oil, and pressure maintenance projects accounted for 250,900 barrels, or 0.8 percent, of the total oil produced in Illinois during 1973. The assistance of the operators in making their waterflood data available to the Illinois Geological Survey is acknowledged with thanks.

TABLES

Table 10, "Project Numbers by County and Summary of Waterflood Projects," is a list of the counties having waterflood activity, with an indication of the number and status of projects in each county.

Table 11, "Waterflood Operations in Illinois," is a summary of the data for each secondary recovery project, operating and abandoned, in the state. Most of the data that are supplied by the operator are incorporated in this table. If data are not furnished to the Illinois Geological Survey, an estimate of data is made for non-reported projects on the basis of past performance.

Table 12, "Illinois Waterfloods for 1973," is a summary of waterflood data by county. Those waterfloods which are located along county lines but extend into more than one county are assigned to the county in which the larger areal portion lies. Data are tabulated as though the entire project were in that assigned county.

Table 13, "Illinois Oil Fields Having Active Waterfloods During 1973," is a tabulation of those fields in which secondary recovery oil is being produced. Six fields listed in 1972 were dropped from the 1973 report because the last, or the only, flood in those particular fields was abandoned during 1973.

Table 14, "Summary of Waterflood Statistics, 1949-1973," is a tabulation of waterflood summary data for the past 25 years.

USE OF FRESH WATER

Data furnished by operators on the volume of fresh water used for injection for secondary recovery oil show that about 35 to 40 million barrels of fresh water were injected. Almost all of this water was produced from the alluvial fill of the valley of the Wabash River or its tributaries, and from man-made lakes built for the purpose of retaining surface-water runoff for use in injection.

TERTIARY RECOVERY

Some testing of tertiary recovery methods has been done in Illinois almost continuously since 1953, when Forest Oil Company and Worthington Corporation conducted a small pilot project in situ combustion test in Westfield field, Clark County. Marathon Oil Company started a pilot in situ combustion test in Crawford County in 1960 and expanded the project to field scale in 1964.

In Illinois the use of sulfonated hydrocarbons to recover additional oil in areas already waterflooded was first tested in 1963, in Main Consolidated field, Crawford County. Since then, tertiary recovery tests using sulfonated hydrocarbons have been conducted in Louden, Benton, Clay City, Lawrence, and Salem fields; further tests have also been carried out in Main Consolidated field. Continued use of tertiary recovery methods and processes in small-scale pilot test patterns is foreseen for many areas of the state. Some field-scale projects will be undertaken very soon because favorable test results have been obtained from completed small-scale projects.

CONCLUSIONS

Of the 180 water injection permits issued during 1973 for new injection wells or for conversions to water input, most permits were for waterfloods already in operation. The small number of new waterfloods that were started in 1973 (eight) reflects the fact that only a very small portion of the oil-productive area of Illinois remains unflooded. The remaining portion of the unflooded productive acreage represents (1) areas once productive that are now abandoned, (2) acreage in which the oil reservoir is not large enough to warrant further expenditure for secondary recovery, or (3) productive areas represented by isolated wells where reservoir development is incomplete or too marginal to warrant further expansion.

With the oil-productive area amenable to secondary recovery almost entirely developed, operators will be forced to turn to tertiary recovery for additional oil. Pilot projects have demonstrated that tertiary recovery can be successfully conducted in sandstone oil reservoirs that have been depleted by waterflooding; thus work involving tertiary recovery will probably surpass secondary recovery activity within a few years.

ABBREVIATIONS

The following abbreviations have been used in tables 10 through 14:

abd - abandoned
adj - adjusted
coop - cooperates, cooperating
cum - cumulative
disc - discontinued
est - estimate, estimated
excl - excludes, excluding, excluded
form - formerly
incl - includes, including, included
inj - injection
op - operator
prev - previous
prim - primary
prod - production
temp - temporary, temporarily

TABLE 10 - PROJECT NUMBERS BY COUNTY AND SUMMARY OF WATERFLOOD PROJECTS IN 1973

Range of county numbers	County	Active water-floods	Active pressure maintenance	Abandoned	Total
001 - 007	Bond	4	0	3	7
100 - 105	Christian	6	0	0	6
200 - 231	Clark	8	0	18	26
300 - 377	Clay	42	0	36	78
400 - 420	Clinton	16	1	4	21
500 - 523	Coles	12	0	12	24
589 - 698	Crawford	60	0	45	105
700 - 708	Cumberland	5	0	3	8
800 - 802	Douglas	0	0	3	3
900 - 904	Edgar	5	0	0	5
1000 - 1040	Edwards	27	1	13	41
1100 - 1119	Effingham	16	0	4	20
1200 - 1252	Fayette	45	0	8	53
1300 - 1338	Franklin	24	0	14	38
1400 - 1452	Gallatin	31	0	21	52
1500 - 1573	Hamilton	28	0	46	74
1900 - 1926	Jasper	12	0	15	27
2000 - 2027	Jefferson	15	1	12	28
2200 - 2291	Lawrence	100	0	26	126
2300 -	Macon	0	0	1	1
2400 -	Macoupin	1	0	0	1
2500 - 2509	Madison	7	0	3	10
2600 - 2639	Marion	28	0	12	40
2900 -	Montgomery	0	0	1	1
3100 - 3101	Perry	2	0	0	2
3400 - 3444	Richland	21	0	24	45
3600 - 3624	Saline	16	0	9	25
3800 - 3802	Shelby	3	0	0	3
3851 - 3999	Wabash	92	0	56	148
4000 - 4017	Washington	16	0	2	18
4063 - 4199	Wayne	78	0	57	135
4200 - 4432	White	141	0	92	233
4501 - 4502	Williamson	2	0	0	2
	Totals	863	3	540	1,406

Field, County	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
Project no. * = ABD. + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
AB LAKE W, GALLATIN										
*1417	COY OIL CO	AB LAKE WEST UNIT	WALTERSBURG	30,31-8S-10E		1091		184*		526*
*1421	COY OIL CO	AB LAKE WEST UNIT	AUX VASES	30,31-8S-10E		219				
ADEN C, HAMILTON, WAYNE										
4158	FAIRFIELD OIL CO	SW FAIRFIELD UNIT	AUX VASES	22-2S-7E	18	1577	2.8	129	18	731
4181	LOEB & MITCHELL	NORTH ADEN UNIT	AUX VASES	28,32,33-2S-7E, 4,5-3S-7E	750*	14310*	45.0*	1336*	1800*	21414*
4182	LOEB & MITCHELL	NORTH ADEN UNIT	MCCLOSKY	28,32,33-2S-7E, 4,5-3S-7E	1350*	18010*				
*4101	TEXACO, INC.	ADEN SOUTH	AUX VASES	8,9,16,17,20-3S-7E		6138		1050		8418*
*4102	TEXACO, INC.	ADEN SOUTH	MCCLOSKY	8,9,16,17,20-3S-7E		6506		660		
ADEN S, HAMILTON										
*1521	M. WEINERT EST.	SOUTH ADEN UNIT	AUX VASES	29,30-3S-7E		2477		176		
			SPAR MTN							
			MCCLOSKY							
AKIN, FRANKLIN										
*1310	C. E. BREHM	LARIO TRUSTEE A U	AUX VASES	36-6S-4E		109		*		
1311	C. E. BREHM	AKIN SE U	AUX VASES	25-6S-4E	112	2117	8.1	247		
1317	C. E. BREHM	U S COAL & COKE	CYPRESS	23-6S-4E	10*	96	1.2	41	15	287*
1321	C. E. BREHM	U S STEEL	AUX VASES	26-6S-4E	54	493	3.9	125	54*	207
1327	FARRAR OIL CO.	AKIN UNIT	AUX VASES	35-6S-4E		290		59		78
ALBION C, EDWARDS, WHITE										
1001	ACME CASING	SOUTH ALBION U BIEHL	BIEHL	1,2-3S-10E	165*	3140	8.9*	487	165*	2054
1011	ACME CASING	S ALBION L BIEHL U	BIEHL	1-3S-10E;35,36-2S-10E	75*	3226	8.0*	704	75*	2367
1002	NICK BABARE	H. WICK	BRIDGEPORT	24-2S-10E	300	1855	11.1	122	300	1542
			WALTERSBURG							
			OHARA							
*4201	CONCHO PET. CO.	NORTH CROSSVILLE UNIT	CYPRESS	27,34,35-3S-10E		3620		313		1270
*4202	CONCHO PET. CO.	N CROSSVILLE U	TAR SPRINGS	34,35-3S-10E		868		58		69
*1014	CONTINENTAL OIL	STAFFORD	MCCLOSKY	13-2S-10E		625		43		637
1038	DELTA OIL CORP.	MORTON-WORKS	MCCLOSKY	13-2S-10E		2000*	2.2*	126*+	50*	2050*
*1015	FIRST NATL PET	BROWN	AUX VASES	6-2S-11E						
1006	GETTY OIL CO	SW ALBION BIEHL SD U	BIEHL	2,11,14-3S-10E	505	19577	26.5	1614	505	9712
1026	J&M OIL CO	MAXWELL-MOSSBARGER	BETHEL	15-3S-10E	20*	179	4.4*	21		
4200	MOBIL OIL CORP.	BIEHL U 1	BIEHL	22,23-3S-10E	118	9034	5.6	1331	87	3481
4308	MOBIL OIL CORP.	W GRAYVILLE U	BETHEL	23-3S-10E	488	1740	46.5	352	102	512
			AUX VASES							
1005	BERNARD PODOLSKY	ALBION E U	AUX VASES	1-2S-10E;6-2S-11E	162	1564	9.3	171	146	731
1035	RK PET. CORP.	RK EAST ALBION UNIT	AUX VASES	6-2S-11E, 1-2S-10E	205	1192	12.3	88	46	96
*1000	REBSTOCK OIL CO.	BIEHL U 2	BIEHL	14-3S-10E		4194		610		1215
*1018	REBSTOCK OIL CO.	EAST ALBION UNIT	AUX VASES	36-1S-10E, 31-1S-11E		1756		198		469
4321	J. W. RUDY ORLG.	ROBINSON	TAR SPRINGS	23-3S-10E	18	128	2.7	7	18	82
			BETHEL							
1012	SABER OIL CO	BUNTING LSE	OHARA	12-2S-10E	100*	775*	9.9*	118*+	100*	775*
1033	SABER OIL CO	ALBION U	AUX VASES	12-2S-10E;7,18-2S-11E	144*	2573	13.4*	305	57*	651
			OHARA							
1037	SO. TRIANGLE CO.	SOUTH ALBION WF	BETHEL	24,25-2S-10E	120*	211	34.3*	34	3*	4
1003	SUPERIOR OIL CO.	SOUTH ALBION SRPU 1	BIEHL	25,36-2S-10E	624	10457	16.8	1955	410	5161
			WALTERSBURG	30,31-2S-11E						
1004	SUPERIOR OIL CO.	SOUTH ALBION UNIT 2	MANSFIELD	1,2,11,12-3S-10E	403	2403	26.9*	1974*	610*	15243*
			BRIDGEPORT		222	7249				
			BIEHL		179	5947				
			WALTERSBURG			2305				
			AUX VASES			1328				
1032	SUPERIOR OIL CO.	WORKS UNIT	WALTERSBURG	18,19-2S-11E	54	559	4.6*	86*	32*	340*
			BETHEL			174				
			AUX VASES			39				
			MCCLOSKY			122				
1036	SUPERIOR OIL CO.	WILLETT	WALTERSBURG	30-2S-11E	5	149	8.4	545	66	576
*1030	TEXACO, INC.	BARNES EAST	WALTERSBURG	24-2S-10E		544		33		537
*4353	P. O. WALL	GRAYVILLE WEST U	CYPRESS	22-3S-10E		219		61		265
1031	WARRIOR OIL CO.	E.ALBION WALT.SAND U.	WALTERSBURG	31-1S-14W; 6-2S-14W	372	3207	5.1	91	60	927
ALBION EAST, EDWARDS										
1040	ZANETIS OIL PROP	ALBION EAST	CYPRESS	28-2S-14W	300	300	50.0	50	300	300
			BETHEL							
			OHARA							
ALLENDALE, LAWRENCE, WABASH										
3969	ASHLAND O AND R	FRIENDSVILLE COOP	BIEHL	30-1N-12W	112	4364	4.7	302	113	3934
3902	BEULIGMANN ET AL	PRICE-ROBINSON	BIEHL	14-1N-12W	30	299	2.4	27	24	250
*3865	JOHN BLEDSOE, JR	HOVERMALE	BENOIST	36-2N-12W		64		2		12
3905	CHARLES E. CARR	ALLENDALE(FLOOD 19)	BIEHL	3,4,9,10-1N-12W	1400	36244	29.0*	2019		
			JORDAN							
*3971	T. W. GEORGE EST.	YOUNG WF	BENOIST	1-1N-12W		208				
*3990	H AND M OIL CO	BUCHANAN	CYPRESS	33-1N-12W		367		44		26
*3900	CECIL A. HAMMAN	GILLIATT-ALKA	BIEHL	13-1N-12W		2735		244		
*3869	ILLINOIS OIL CO.	FRENCH ET AL	BIEHL	32-2N-12W		39		10		5
3899	ILLINOIS OIL CO.	PRICE HEIRS	BRIDGEPORT	2-1N-12W	50*	143	3.8*	11	50*	106
3906	ILLINOIS OIL CO.	YOUNG	BIEHL	1-1N-12W	100*	4507	3.0*	203	100*	1301
3996	ILLINOIS OIL CO.	SPARKS-PETER UNIT	BIEHL	36-2N-12W	75*	1011	3.5*	71	75*	1066
*3944	IND. FARM BUR.	WOODS "C"	BIEHL	20-1N-12W		633		45		559
*3992	IND. FARM BUR.	KEYSER "B"	BIEHL	13-1N-12W		303		20		
3898	JACK KENEIPP	HERSHEY-COGAN	CYPRESS	35-2N-12W	30*	600+	2.0*	71+	30*	451+
3966	JACK KENEIPP	COGAN	BIEHL	35-2N-12W	25*	1982	1.5*+	196+	25*+	1817
			JORDAN							
3978	JACK KENEIPP	COGAN	CYPRESS	35-2N-12W	15	234				
*3999	JACK KENEIPP	WALSER	TAR SPRINGS	2-1N-12W		26		5		6
*3952	L AND M DRILLING	STANLEY PRICE	BIEHL	19-1N-12W		887		167		348
3871	DAYTON LOEFFLER	FRIENDSVILLE EAST U.	BIEHL	18,19-1N-12W; 13,24-1N-13W	100*	799	24.4*	336	100*	348
3883	DAYTON LOEFFLER	G.D.ADAMS COOP	CYPRESS	16-1N-12W	37*	369	3.4*	56	37*	207
			BETHEL							
3901	DAYTON LOEFFLER	CLARK, BARTH.-PINNICK	TAR SPRINGS	25,36-2N-12W	20*	163	2.0*	16	20*	48

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	
	Depth (ft)	Net pay thick-ness (ft)	Poros-ity (%)	Perme-ability (md)	Oil grav-ity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow; Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
AB LAKE W, GALLATIN												
*1417	2025	17.0	16.3	20	36.9	07-59	06-64	6	9	180	SH GRAV, PENN SD (F)	*INCL 1421
*1421	2750	10.0	16.3	27	37.1	07-59	06-64	1	2	30	SH GRAV, PENN SD (F)	*INCL WITH 1417
ADEN C, HAMILTON, WAYNE												
4158	3250	9.0	21.0	156	40.0	02-62		1	3	100	PENN SD, PROD (B)	
4181	3150	12.0			36.0	01-64		10	11	1000	PENN SD, PROD (B)	*ESTIMATED/INCL 4182
4182	3350	14.0			38.0	01-64		7	6	1000	PENN SD, PROD (B)	*ESTIMATED 4181 +EST
*4101	3200	10.0	22.0	150	37.0	08-46	03-66	12	12	640	PRODUCED (B)	*INCL 4102
*4102	3350	3.6			37.0	08-46	03-66	11	5	640	PRODUCED (B)	*INCL WITH 4101
ADEN S, HAMILTON												
*1521	3245	21.0				05-64	04-70	4	10	150	PENN SD, PROD (B)	
	3335	10.0						4	10	150		
	3390	8.0						2	2	80		
AKIN, FRANKLIN												
*1310	3100	20.0				02-60	12-62	2	5	120	CYPRESS (B)	*NO W.F.OIL RECOVERED
1311	3120	20.0	20.5	175	38.0	10-61		3	11	150	PENN SD, PROD (B)	
1317	2840	15.0	13.0	90	34.0	05-62		2	6	80	PENN SD, PROD (B)	*ESTIMATED SINCE 1968
1321	3100	16.0			38.0	06-65		1	4	60	PENN SD, PROD (B)	*ESTIMATED
1327	3060	14.7			37.0	01-66		3	3	100	PENN SD, PROD (B)	*NO INJ 1973
ALBION C, EDWARDS, WHITE												
1001	2075	18.0	20.0	200	33.4	12-55		2	7	110	PRODUCED (B)	*ESTIMATED
1011	2080	9.2	16.8	384	32.3	04-51		2	1	120	PRODUCED (B)	*ESTIMATED 1967-71
1002	1550	12.0				01-72		1	1	30	PROD (B)	*ESTIMATED
	2380	12.0				01-72		1	2	40		
	3150	10.0				07-51		1	4	80		
*4201	2850	12.0	18.0		37.0	10-52	12-58	8	21	250	RIVER, PROD (M)	
*4202	2460	6.0	18.0		37.0	10-52	12-58	4	5	100	RIVER, PROD (M)	
*1014	3222	4.0	16.3	898	39.0	05-43	12-56	1	7	80	PRODUCED (B)	
1038	3110	10.0				01-57		1	6	70	PRODUCED (B)	*EST +INCL PRIM SINCE 1-57
*1015	3005	21.0				04-52	07-55	1	1	30	HARDINSBURG (B)	
1006	1850	16.2	18.0	150	32.2	01-55		11	8	403	GRAVEL, PROD (M)	
1026	2990	8.0				06-62		1	1	30	PRODUCED (B)	*OP SUSPENDED,1970, RESUMED 8-72
4200	1900	21.2	20.2	265	38.0	06-48		3	5	170	RIVER, PROD (M)	
4308	2930	19.0				02-68		5	11	160	SHALLOW SD, PROD(M)	
	3160	18.0						4	10	160		
1005	3050	25.0	15.0	25	41.0	03-68		4	5	90	PURCHASED (F)	
1035	3010	18.3				10-66		4	3	70	CITY WATER (F)	
*1000	1900	30.0	19.3	303	35.8	09-50	01-72	2	5	50	RIVER, PROD (M)	
*1018	3000	14.3	18.0	13	37.5	11-59	12-67	6	5	340	PENN SD, PROD (B)	
4321	2434	10.0			33.0	06-69		1	1	40	PRODUCED (B)	
	2932	10.0				11-69		1	2	30		
1012	3230	8.0				11-66		1	1	30		*EST +INCL PRIM PROD
1033	3025	15.0	17.3	35	39.0	02-66		7	10	200	PENN SD, PROD (B)	*ESTIMATED
	3060	13.0						3	9	120		
1037	3000	8.0	15.0	13	36.0	02-72		4	1	100	PENN SAND (B)	*ESTIMATED
1003	2025	12.3	18.5	807	36.0	01-55		4	9	222	SH SD, PROD (M)	
	2400	7.1	18.6	74	36.0			2	5	325		
1004	1630	10.0	20.6	53	37.0	01-67		2	5	90	GRAVEL BED, PROD (M)	*INCL ALL PAYS
	1870	12.2	20.2			08-56		2	3	257		
	2050	15.8	18.2	338		08-56		1	1	80		
	2400		19.2			06-60	01-72	2	4	60		
	3050		20.6			08-56	01-67	7	8	170		
1032	2356	6.0	19.0	480	34.0	12-65		1	3	70	SH SD (F)	*INCL ALL PAYS +INJ SUSPENDED INTO MCCL,A.V.1-68/BETHEL 6-68
	2919	6.0	14.6	10			06-68	1	3	100		
	3040	5.0	15.8	53			01-68	3	2	50		
	3068	8.0	14.2	3003			01-68	1	9	200	PRODUCED (B)	
1036	2400	8.5	19.2	209	38.0	10-65		1	3	40	SH SD (F)	
*1030	2370	20.0			39.0	11-63	12-66	1	4	40	PRODUCED (B)	*SWD ONLY
*4353	2850	12.0	17.0	50	38.0	05-62	01-71	4	5	225	BIEHL, PROD. (B)	
1031	2250	11.2	20.6	167	36.0	10-65		3	6	132	GRAV, PROD (M)	
ALBION EAST, EDWARDS												
1040	2770	15.0				06-73		1	2	40		*ESTIMATED/INCL PRIM PROD 1973
	2890	10.0						3	8	160		
	3070	8.0						2	8	220		
ALLENDALE, LAWRENCE, WABASH												
3969	1600	15.0	14.2	535	33.0	10-60		1	2	90	PRODUCED (B)	
3902	1472	10.0	17.0		35.0	12-65		1	1	10	SH SD, PROD (M)	
*3865	1948	30.0	18.7	77	36.4	02-65	01-72	1	1	20	SH SD, PROD (M)	*NO DATA 1966-69/INACTIVE 70-71
3905	1465	15.0	17.7	390	35.7	06-55		21	18	307	GRAVEL BED (F)	*ESTIMATED
	1495	13.0	14.9	100								
*3971	2020	15.0				01-58	04-63	2	2	40	GRAVEL BED (F)	*INCL WITH 3906
*3990	2000	20.0	16.0	128	39.0	11-59	09-68	1	1	40	GRAVEL BED, PROD (M)	
*3900	1485	15.0	24.6	1066	32.5	11-54	09-68	5	3	35	SH SD, PROD (M)	
*3869	1575	8.0	17.0	40	36.0	05-65	01-70	1	1	10	SH SD (F)	
3899	1120	8.0	15.0	150	34.0	11-70		1	1	20	WELL (F)	*ESTIMATED
3906	1375	15.0	17.0	150	36.0	01-58		5	5	120	SH SD, PROD (M)	*ESTIMATED
3996	1375	15.0	16.0	200	37.0	10-62		3	3	50	SH SD, PROD (M)	*ESTIMATED-65
*3944	1520	15.0			28.4	11-53	06-57	5	7	147	PRODUCED (B)	
*3992	1450	9.0			37.0	07-59	10-66	1	2	60	SH SD, PROD (M)	*INCL WITH 3964
3898	1920	18.0				07-62		1	1	20	SH SD, PROD (M)	*EST +INCL DROPPED PROJ 3899
3966	1380	18.0	18.0			06-60		2	3	18	SH SD, PROD (M)	*ESTIMATED +INCL 3978
	1440	15.0										
3978	1920	10.0				09-61		2	4	18	SH SD, PROD (M)	*INCL WITH 3966
*3999	1553	11.0				07-62	10-64	1	1	20	SH SD, PROD (M)	
*3952	1520	20.0	18.0	450	33.0	11-54	01-60	1	3	40	SH WELL (F)	
3871	1520	20.0	15.0	200	35.0	06-64		3	8	100	SH SD (F)	*ESTIMATED
3883	1996	10.0			37.0	05-64		1	3	40	SH SD, PROD (M)	*ESTIMATED
	2110	10.0						1	3	40		
3901	1500	10.0	16.0	40	33.0	08-66		1	2	30	SH WELL (F)	*ESTIMATED

Field, County	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
Project no. * = ABD. + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
ALLENDALE, LAWRENCE, WABASH (CONTINUED)										
3951	DAYTON LOEFFLER	ALLENDALE WEST U	BIEHL	8-1N-12W	150*	184	2.1*	523	150*	3414
3909	R & G CORP.	ALLENDALE U	BIEHL JORDAN	3-1N-12W	*	5273	2.5*	278		4204
3911	C.A.ROBINSON	HADDEN	BIEHL	6,7-1N-11W		588		14		300
*3964	ROYALCO, INC.	ALLENDALE U	BETHEL	13-1N-12W		4764		313		1544
*3993	ROYALCO, INC.	STILLWELL COURTER U	WALTERSBURG CYPRESS	21,22-1N-12W		1625		341		653
*3920	C. E. SKILES	YELTON-KERZAN	BIEHL	5-1N-12W	*	*		53		73
2231	WAYNE SMITH, OP.	SAND BARREN UNIT 1	BIEHL JORDAN	26-2N-12W	120*	3591	7.5*	379	120*	3221
2232	WAYNE SMITH, OP.	SAND BARREN UNIT 2	BIEHL	23,26-2N-12W	50*	663	11.5*	146	20*	255
*3903	WAYNE SMITH, OP.	TAYLOR-WHEATLEY	BIEHL JORDAN	7,18-1N-12W		1124		217		909
*3908	WAYNE SMITH, OP.	SHAW-SMITH-NIGH	BIEHL JORDAN	35-2N-12W		1586		120		1466
3859	SO. TRIANGLE CO.	STOLTZ U	BIEHL	25-1N-12W	60*	303	8.5*	65	60*	120
*3904	TAMARACK PET.	PATTON C	CYPRESS	28-1N-12W		644*		90*		147*
*3979	TAMARACK PET.	HERSEY-COGAN	BIEHL	35-2N-12W		9		4*		17*
2201	TRIPLE B OIL CO	HERSHEY U	BETHEL	27,34,35-2N-12W	70*	1325	2.6*	94	70*	537
3868	UNIVERSAL OPRTNG	LITHERLAND-SMITH UNIT	BIEHL	5-1N-12W	191	1238	6.0	120		130
*3973	UNIVERSAL OPRTNG	SOUTH ALLENDALE	BIEHL	15-1N-12W		845		38		247+
3860	ZANETIS OIL PROP	HAWF	CYPRESS	15-1N-12W	25*	113	6.6*	20	25*	113
ASSUMPTION C, CHRISTIAN										
100	CONTINENTAL OIL	BENOIST	BENOIST	3,4,9,10-13N-1E	53	7886	11.2	1420	51	3139
101	CONTINENTAL OIL	DEVONIAN	LINGLE	3,4,9,10,15,16-13N-1E	854	19946	38.6	1945	527	6888
102	CONTINENTAL OIL	ROSICLARE	SPAR MTN	9,10-13N-1E	124	4407	5.2	1081	125	4371
104	FEAR AND DUNCAN	ASSUMPTION WFU	DEVONIAN	17,20-13N-1E	150*	1070	10.0*	114	150*	792
105	J. W. RUDY DRLG.	PEABODY-RIDGE	DEVONIAN	16-13N-1E	102	1082	16.2	117	72	645
BARNHILL, WAYNE, WHITE										
*4103	ASHLAND O AND R	BARNHILL U	MCCLOSKY	26,34,35-2S-8E		9137		1235		
4170	BERNARD PODOLSKY	BOZE UNIT	AUX VASES	27,28,34-2S-8E		851	3.6	122	26	730
4171	BERNARD PODOLSKY	CALDWELL UNIT	AUX VASES	34-2S-8E	94	1883	2.1	89	44	1011
*4199	SAM TIPPS	BOZE U	AUX VASES	28,33,34-2S-8E		319		38		
*4129	WAYNE DEV	WALTER	MCCLOSKY	26-2S-8E		144		21*		119
*4104	WILLETS AND PAUL	BARNHILL UNIT	AUX VASES	27,28-2S-8E		4090		491		1880
*4105	WILLETS AND PAUL	BARNHILL UNIT	OHARA	27-2S-8E		53		7		2
BARTELSO, CLINTON										
402	ED KAPES	H.S. WOODARD, TRUSTEE	CYPRESS	5,8-1N-3W	160*	2421	5.5*	361	160*	2670
* 400	T. R. KERWIN	BELLE OIL	CYPRESS	4-1N-3W		978		135*		187
* 401	ROBBEN OIL CO.	ROBBEN OIL UNIT	CYPRESS	4-1N-3W		3100		639*		1621
BEAUCOUP, WASHINGTON										
4013	WARRIOR OIL CO.	BEAUCOUP UNIT	DEVONIAN	9,10-2S-2W	60	1098	1.9	11	43	577
BEAUCOUP S, WASHINGTON										
4005	SHELL OIL CO.	BEAUCOUP S. UNIT	BENOIST	33,34-2S-2W	557	7495	15.5	375	440	6346
4008	GEORGE THOMPSON	GILBERT	BENOIST	34-2S-2W	6**	120*	0.8**	37*	6**	120*
BEAVER CREEK, BOND, CLINTON										
415	NICK BABARE	HORD	BENOIST	5-3N-2W			1.1*	13		
* 1	T. M. CONREY, JR	WRONE C	BENOIST	36-4N-3W		106		23		
2	W. C. MCBRIDE	JACOBS	BENOIST	31-4N-2W	29	207	1.8	12	30	196
BEAVER CREEK S, BOND, CLINTON										
405	T. M. CONREY, JR	R-K-R-S	BENOIST	12,13,14-3N-3W	120*	1657	9.0*	237	75*	1656
BELLAIR, CRAWFORD, JASPER										
600	BELLAIR OIL	BELLAIR	BELLAIR 500	2,11,12-6N-14W	275*	31183*	8.5*	873*	250*	6865**
601	BELLAIR OIL	FULTON (BELLAIR)	BELLAIR 500	1,2,11,12-8N-14W	80*	60795	6.2*	1532	80*	33077
* 666	WAUSAU PET. CORP	GRANT	ROBINSON	13-8N-14W		1343		161		380
BEMAN, LAWRENCE										
*2248	E. L. WHITMER	DECATUR INVESTMENT	MCCLOSKY	23,24-3N-11W		683		40		400
2287	ZANETIS OIL PROP	ALEXANDER	SPAR MTN MCCLOSKY	23-3N-11W	20*	218*	1.5*	9*	20*	208*
BENTON, FRANKLIN										
1300	SHELL OIL CO.	BENTON U	TAR SPRINGS	23,24,25,26,35,36-6S-2E; 18,30,31-6S-3E	3081	216193	31.6	19431	1221	159223
1314	SHELL OIL CO.	SHELL-BENTON DEEP	AUX VASES OHARA MCCLOSKY	25,36-6S-2E	517	7609	24.4	1560	386	4100
BENTON N, FRANKLIN										
*1328	FARRAR OIL CO.	BENTON NORTH UNIT	BETHEL AUX VASES OHARA MCCLOSKY	25,35,36-5S-2E		3458		740		1855
1332	M & W OIL CO	BENTON NORTH	PAINT CREEK	36-5S-2E	192*	716	11.5*	79	84*	300
1326	SHAKESPEARE OIL	NORTH BENTON UNIT	PAINT CREEK OHARA SPAR MTN	1-6S-2E	573	3292	32.0	434	268	1173
BERRYVILLE C, EDWARDS, WABASH										
*3942	PHILLIPS PET. CO	TARPLEY C	MCCLOSKY	2-1N-14W		35				103
*3943	PHILLIPS PET. CO	TOWNSEND	MCCLOSKY	35-2N-14W		50				86
1024	RK PET. CORP.	W SALEM WFU	SPAR MTN	9-1N-14W	226	675	91.8	361	96	172
BLACKLAND, CHRISTIAN, MACON										
*2300	FEAR AND DUNCAN	DAMERY C	SILURIAN	5-15N-1E		6				4

Field, County Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-73 Date first inj.	Date abd.	No. of wells Inj.	Prod.	Acres under inj.	Injection water Source SD = Sand, GRAV = Gravel, PROD = Produced, SH = Shallow; Type (F) = Fresh, (B) = Brine, (M) = Mixed	Remarks
ALLENDALE, LAWRENCE, WABASH (CØNTINUED)												
3951	1500	20.0	17.8	450	35.0	03-58		4	3	80	SH SD, PRØD (M)	*ESTIMATED
3909	1500	18.0	15.0	1400	34.0	09-53		1*	3	40	TAR SPGS, PRØD (B)	*INJ IN LINE WELLS +EST
	1536	14.0										
3911	1450	20.0	18.0			10-66		3	6	153	SH SD (F)	*INJ TEMP DISCØNTINUED
*3964	2120	20.0	20.1	115	36.5	07-59	12-69	10	14	180	PRODUCED (B)	
*3993	1500	11.0	18.6	45	33.4	01-62	11-68	1	1	30	RIVER, PRØD (M)	
	2000	10.0			36.9			5	10	180		
*3920	1600	15.0	18.0		35.5	06-66	12-70		2	20		*ADJ TØ ACTIVE WF
2231	1300	18.0			34.0	09-57		10	7	75	SURFACE, PRØD (M)	*ESTIMATED
	1340	8.0										
2232	1280	20.0			33.0	06-58		3	10	65	SURFACE, PRØD (M)	*ESTIMATED
*3903	1400	15.0				06-57	12-66	4	6	50	RIVER GRAV, PRØD (M)	
	1440	8.0										
*3908	1380	15.0			34.0	09-57	01-72	2	6	45	SURFACE, PRØD (M)	
	1420	8.0										
3859	1450	10.0	17.0	150	32.5	01-69		2	2	60	SH GRAVEL (F)	*ESTIMATED
*3904	1800	16.0			34.8	01-54	12-60	4	7	130	RIVER GRAV, PRØD (M)	*ESTIMATED
*3979	1388	12.0				10-61	03-63	1	1	10	SH SD, PRØD (M)	*INCL 3898,(1962,1963)
2201	2010	12.0			37.0	01-67		6	8	130	PENN SD, PRØD (B)	*ESTIMATED
3868	1500	15.0			37.0	04-65		2	4	60	PENN SD, PRØD (B)	
*3973	1480	13.0	15.0	160	32.9	03-61	09-67	6	3	60	SH SD, PRØD (M)	*INCL PRIM PRØD SINCE 1961 +EST FØR 1964-66
3860	2039	7.0			36.2	06-68		2	2	30	PRØDUCED (B)	*ESTIMATED
ASSUMPTIØN C, CHRISTIAN												
100	1050	13.0	19.0	100	38.0	07-50		3	8	350		
101	2300	13.0	12.0	50	40.0	05-55		14	22	600	PRØDUCED (B)	
102	1150	12.0	22.0	561	39.3	06-55		2	3	240	PRØDUCED (B)	
104	2329	20.0			40.0	06-66		2	7	180	PRØDUCED (B)	*ESTIMATED
105						11-67		6	8	280	PRØDUCED (B)	
BARNHILL, WAYNE, WHITE												
*4103	3350	9.0			39.0	01-51	03-63	10	22	260	CYPRESS (B)	
4170	3300	14.0			38.2	10-63		4	4	120	PENN SD (B)	*TEMP SHUT-DØWN 3-72
4171	3560	15.0			36.9	10-63		5	4	140	PENN SD (B)	
*4199	3328	25.0				11-63	12-70	2	4	70	PENN SD, PRØD (B)	
*4129	3450	18.0				12-50	01-55	1	2	40	CYPRESS (B)	*INCL PRIM PRØD
*4104	3250	14.0	18.7	42	38.0	10-56	12-66	12	10	230	PENN SD, PRØD (B)	
*4105	3323	8.0	20.1	108	39.0	10-56	12-59	2	6	40	PENN SD, PRØD (B)	
BARTELSØ, CLINTØN												
402	970	18.0	21.0	210	38.0	01-54		5	3	80	PRØDUCED (B)	*ESTIMATED
* 400	970	15.0	22.2	165	37.0	04-52	01-63*	5	5	40	TAR SPRINGS (B)	*ESTIMATED
* 401	980	12.0	20.0	110	36.9	11-53	01-63*	12	19	200	BETHEL, PRØD (B)	*ESTIMATED
BEAUCØUP, WASHINGTØN												
4013	3046	5.2	12.0	115	38.0	10-70		3	2	280	PENN SD (M)	
BEAUCØUP S, WASHINGTØN												
4005	1440	6.0	19.0	240	36.0	11-60		10	7	230	PENN SD, PRØD (B)	
4008	1445	6.0	17.5	111	36.0	01-55		1	1	27	PRØDUCED (B)	*SINCE 1-55 +INCL PRIM PRØD**EST
BEAVER CREEK, BØND, CLINTØN												
415	1180	12.0			33.0	06-69		1	4	40	CYPRESS, PENN (B)	*ESTIMATED
* 1	1140	8.0	20.7	208	37.4	07-53	12-61	1	4	40	PRØD (B)	
2	1100	10.0	20.0	110		06-68		1	1	20	PRØDUCED (B)	
BEAVER CREEK S, BØND, CLINTØN												
405	1110	8.0			34.0	01-56		3	11	140	PRØDUCED (B)	*ESTIMATED
BELLAIR, CRAWFØRD, JASPER												
600	600	38.0	17.1	146	31.0	07-48		56	50	204	SH SD, PRØD (M)	*ESTIMATED +SINCE 1-64
601	560	21.0	19.0	149	32.0	07-48		35	69	443	GRAV, PRØD (M)	*ESTIMATED
* 666	950	16.0	17.2	125	39.0	02-53	02-61	15	11	70	PENN SD, PRØD (M)	
BEMAN, LAWRENCE												
*2248	1850	10.0				09-63	10-67	4	7	270		
2287	1850	5.0				10-68		2	2	80	PRØDUCED (B)	*ESTIMATED
	1884	16.0						1	1	40		
BENTØN, FRANKLIN												
1300	2100	35.0	19.0	165	37.5	11-49		65	35	2200	LAKE, PRØD (M)	
1314	2760	17.0	18.2		39.0	05-62		9	7	550	CYPRESS, PRØD (M)	
	2810	7.0						5	7	320		
	2890	12.0						3	6	320		
BENTØN N, FRANKLIN												
*1328	2550	8.0				02-66	04-71	6	9	140	DEGØNIA, PRØD (B)	
	2660	12.0						6	9	140		
	2730	5.0						4	4	90		
	2800	8.0						3	4	140		
1332	2550	12.0			39.6	06-69		4	4	100	PRØDUCED (B)	*ESTIMATED
1326	2590	9.2	15.0	22	36.0	12-66		5	13	180	PENN SD (B)	
	2755	6.0	12.0					1	3	80		
	2800	6.0						1	1	40		
BERRYVILLE C, EDWARDS, WABASH												
*3942	2890	10.0				09-52	01-53	1	2	14	TAR SPGS, PRØD (B)	
*3943	2890	10.0				02-52	06-53	1	2	27	TAR SPGS, PRØD (B)	
1024	2990	10.0				01-70		2	2	200	SUPPLY WELL (M)	
BLACKLAND, CHRISTIAN, MACØN												
*2300	1920	10.0			37.0	10-63	12-63	1	2	80	AUX VASES (B)	

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
BONE GAP C, EDWARDS										
+1013	R. G. CANTRELL	BONE GAP UNIT	WALTERSBURG	18-1S-14W	110*	2353*	6.6*	549*	110*	2353*
1034	BERNARD PODOLSKY	BONE GAP SOUTH U	CYPRESS	19-1S-14W	49	375	1.1	14	10	45
BOULDER, CLINTON										
* 411	TEXACO, INC.	BOULDER BENOIST 80 U	BENOIST	2-2N-2W,35,36-3N-2W		9234		681		4368
BOURBON C, DOUGLAS										
* 800	T. J. LOGUE	BOURBON POOL WF	SPAR MTN	2,11,12-15N-7E		6000*		500*		
BOYD, JEFFERSON										
2000	N. A. BALDRIDGE	BOYD FIELD UNIT	AUX VASES	18,19,20,29,30-1S-2E, 13,24,25-1S-1E	200*+	18058				
2001	N. A. BALDRIDGE	BOYD FIELD UNIT	BENOIST	18,19,25,30-1S-2E, 13,24,25-1S-1E	300+	27169	12.2*+	4275*	400*+	45479*
BROWN, MARION										
2615	DARE PETROLEUM	LEONARD-LANCASTER	CYPRESS	16-1N-1E	50*	406	2.0*	31	50*	359
BROWNS, EDWARDS, WABASH										
1020	ROYALCO, INC.	SCHONAMAN WF	OHARA	3,10-2S-14W	50	397	19.4	143	21	56
1021	SUPERIOR OIL CO.	BROWNS U CYPRESS	CYPRESS	28,33-1S-14W	2	2031	4.3*	419*	7*	723*
1022	SUPERIOR OIL CO.	BROWNS U BETHEL	BETHEL	28,33-1S-14W	2	1138				
1023	SUPERIOR OIL CO.	BROWNS U WEILER	CYPRESS	28,33-1S-14W	2	504				
3894	TARTAN OIL CO.	BROWNS U	TAR SPRINGS CYPRESS	33-1S-14W	175	772	9.7	48	165	391
BROWNS E, WABASH										
*3912	T. W. GEORGE EST.	BELLMONT WF ASSOC	CYPRESS	1,2,11,12-2S-14W		3009		905*		1122
3914	T. W. GEORGE EST.	SOUTH BELLMONT	CYPRESS	11,14-2S-14W	37	249	1.1	18	2	22*
3950	T. W. GEORGE EST.	MORRIS-BELLMONT	CYPRESS	11-2S-14W	134	704	10.1	119	37	178
*3913	MOBIL OIL CORP.	BELLMONT	CYPRESS	2,11-2S-14W		822*		582		268
BUNGAY C, HAMILTON										
*1554	BEN BLADES	HAYES	AUX VASES	15-4S-7E		488		41		180
1550	COLLINS BROS.	SOUTH BUNGAY UNIT	RENAULT	34,35-4S-7E	420*	3659+	20.5*	285	336*	1993
1558	COLLINS BROS.	NORTH BUNGAY	RENAULT AUX VASES	13,14,23,24-4S-7E	605*	5155	20.6*	479	480*	2598
1572	COLLINS BROS.	ODELL	AUX VASES	17-4S-7E	90+	690	6.8+	67*	90+	690
1555	EXXON	BUNGAY A V UNIT	AUX VASES	14-4S-7E	104	1111	9.7	355	19	292
1527	FEAR AND DUNCAN	O'DELL	RENAULT	16-4S-7E	120*	420	14.1*	109	120*	392
*1519	MID-STATES OIL PROP	BUNGAY U WF	AUX VASES	21-4S-7E	10*	710*	0.8*	74*	10*	198*
1522	R. REBER	BUNGAY 1-A	AUX VASES	26,27,34,35-4S-7E	50*	11057*	5.0*	862*	50*	8533*
*1500	TEXACO, INC.	BLAIRSVILLE U	AUX VASES	16,17,20,21-4S-7E		7692		699		2457
*1530	TEXACO, INC.	J.A. LYNCH	AUX VASES	16-4S-7E		1921		75		707
CALHOUN C, RICHLAND, WAYNE										
*3400	ASHLAND O AND R	CALHOUN	MCCLOSKY	7,18-2N-10E, 13-2N-9E		3032		157		
*3401	SAM TIPPS	BOHLANDER UNIT	MCCLOSKY	6,7-2N-10E		2175*		235*		1681*
CALHOUN E, RICHLAND										
*3423	ALVA C. DAVIS	SLUNAKER	MCCLOSKY	7-2S-11E		93		1		4
CALHOUN S, EDWARDS, RICHLAND, WAYNE										
4086	ZANETIS OIL PROP	RUTGER	MCCLOSKY	1,2-1N-9E	50*	177	7.4*	120	50*	177
CARLYLE N, CLINTON										
407	T. M. CONREY, JR	KREITEMEYER	BENOIST	23-3N-3W	50*	773	7.4*	76	50*	196
CARMI, WHITE										
4402	ROYAL O AND G	NIEKAMP	MCCLOSKY	26-5S-9E	22	204	5.4	65	18	111
CASEY, CLARK										
* 217	CALVAN AMERICAN	SHAWVER	CASEY	23,24-10N-14W		49				
* 201	FOREST OIL CO.	CASEY	CASEY	14,15,23-10N-14W		8030		462		
* 202	D. W. FRANCHOT	N. CASEY	CASEY	33,34-11N-14W 4,5-10N-14W		3032		38		
CENTERVILLE, WHITE										
4409	ABSHER OIL CO	BROWN UNIT	OHARA	2-4S-9E	20*	372	0.8*	9	20*	110
CENTERVILLE E, WHITE										
4379	ABSHER OIL CO	EAST CENTERVILLE UNIT	TAR SPRINGS HARDINSBURG CYPRESS BETHEL AUX VASES MCCLOSKY	7,8,17-4S-10E	900+	22150	49.6*+	2074*	900*+	15335*
4394	ABSHER OIL CO	JONES-BAIRD	CYPRESS	7-4S-10E	45*	1089	2.5*	125	45*	964
4376	NICK BABARE	JONES ESTATE	TAR SPRINGS	7-4S-10E	25*	1046	3.7*	167	25*	174
4203	W. G. HARNESS OIL	E. CENTERVILLE UNIT	TAR SPRINGS CYPRESS BETHEL AUX VASES	18-4S-10E	250*	9358	9.3*	982	250*	7325
*4267	D. B. LESH	CENTERVILLE E	SPAR MTN	12-4S-9E				4*		4
*4246	SUN OIL CO.	E. CENTERVILLE	TAR SPRINGS	7-4S-10E		269		39		132
CENTRAL CITY, MARION										
2623	WILLIAM PFEFFER	PFEFFER U	PETRO	8-1N-1E	24	223	1.4	17	7	141
CENTRALIA, CLINTON, MARION										
419	KARCHMER PIPE	KARCHMER-TRENTON	TRENTON	1,2-1N-1W,26,27,34,35 36-2N-1W	337	3299	51.5	341	300*	1300*
403	W. O. MORGAN	CENTRALIA FIELD	BENOIST	35-2N-1W	20*	880*	1.0*	98*	20*	880*
420	HUBERT ROSE	BUEHLER COMM	DEVONIAN	1-1N-1W	1000*	11229	14.3*	142	1000*	11229
412	FRED SEIP	ROTHMEYER,BUEHLER,COE	CYPRESS	13-1N-1W	30*	1027	1.8*	65	30*	1185
416	FRED SEIP	HEFTER HRS	BENOIST	13-1N-1W	78	264	7.2	44	180	769
404	SHELL OIL CO.	CENTRALIA U	CYPRESS	1,2,12-1N-1W,	6590	109939	85.3	10991	3608	97714

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source: SD = Sand, GRAV = Gravel, PROD = Produced, SH = Shallow; Type: (F) = Fresh, (B) = Brine, (M) = Mixed	Remarks
BONE GAP C, EDWARDS												
*1013	2310	20.0	16.0	120	34.6	06-52		1	10	120	PRODUCED (B)	*ESTIMATED
1034	2320	10.0	17.3			02-66		1	2	100	PRODUCED (B)	
BOULDER, CLINTON												
* 411	1200	25.0	17.9	104	34.6	09-60	10-64	25	17	470	PROD (B)	
BOURBON C, DOUGLAS												
* 800	1600	12.0			34.0	09-59	11-66	18*	30*	800*	PRODUCED (B)	*DATA WERE ESTIMATED
BOYD, JEFFERSON												
2000	2130	11.9	21.4	24	36.8	03-55		5	10	569	PRODUCED (B)	*INCL WITH 2001 +EST
2001	2065	17.3	17.5	173	39.5	06-55		2	8	1564	SH SD, PROD (M)	*INCL 2000 +EST
BROWN, MARION												
2615	1650	10.0			33.0	07-60		1	3	40	PRODUCED (B)	*ESTIMATED
BROWNS, EDWARDS, WABASH												
1020	3022	8.0			35.4	11-66		2	4	380	SH SD (F)	
1021	2640	8.2	16.8	106	36.8	11-59		1	1	198	PRODUCED (B)	*INCL 1022, 1023
1022	2780	6.3	17.5	5	36.8	11-59		2	1	176	PRODUCED (B)	*INCL WITH 1021
1023	2720	7.0	17.4	5	36.8	02-60		2	2	169	PRODUCED (B)	*INCL WITH 1021
3894	2300	10.0	16.0			11-62		2	2	60	PRODUCED (B)	*ESTIMATED
	2600	15.0	17.0					11	7	180		
BROWNS E, WABASH												
*3912	2570	13.0				01-51	01-57	18	18	290	SH SD, PROD (M)	*INCL PRIM PROD
3914	2560	8.0			37.0	04-56		1	2	75	PENN SD, PROD (B)	*SINCE 1967
3950	2580	7.0	16.0		35.0	08-67		6	5	139	GRAV BED (F)	
*3913	2570	11.0			35.0	11-47	07-63	6	8	169	TAR SPGS, PROD (B)	*NO INJ SINCE 12-58
BUNGAY C, HAMILTON												
*1554	3275	13.5	21.8	104	36.0	09-65	12-70	2	4	60	SH SD, PROD (M)	SWD ONLY
1550	3280	6.0	12.0	244	38.5	08-64		7	7	300	PENN SD, PROD (B)	*ESTIMATED +CORRECTION
1558	3280	8.0	18.9	325	39.0	09-65		4	5	100	PENN SD (B)	*ESTIMATED
	3300	10.0	20.0	100				6	5	120		
1572	3260	15.0				01-55		1	5	60	PRODUCED	*INCL PRIM PROD +EST
1555	3275	12.0	20.6	312	36.6	05-69		3	4	220	PRODUCED (B)	
1527	3254	12.0	14.0	350	38.0	01-67		1	4	60	PRODUCED (B)	*ESTIMATED
*1519	3331	15.0	20.0	80	39.1	09-66	04-73	2	2	60	SH SD, PROD (M)	*ESTIMATED
1522	3300	17.0	22.0	182	41.0	05-61		8	5	390	CYPRESS, PROD (B)	*ESTIMATED
*1500	3330	15.5	19.6	92	37.0	06-48	07-64	10	12	640	PENN, PROD (B)	
*1530	3300	25.0	17.8	107	37.0	09-61	10-68	2	7	60	PENN SD, PROD (B)	
CALHOUN C, RICHLAND, WAYNE												
*3400	3150	6.0			37.0	09-51	08-64	3	8	140	CYPRESS (B)	
*3401	3130	10.0	11.2	67	39.0	06-50	12-66	3	10	220	PRODUCED (B)	*NO DATA 1959-1966
CALHOUN E, RICHLAND												
*3423	3268	10.0			37.2	08-65	12-71	2	2	80	TAR SPR, PROD (B)	*INACTIVE 1966-71
CALHOUN S, EDWARDS, RICHLAND, WAYNE												
4086	3250	23.0			39.0	08-66		1	3	20	PRODUCED (B)	*ESTIMATED
CARLYLE N, CLINTON												
407	1142	7.0			34.0	06-55		1	7	80	PRODUCED (B)	*ESTIMATED
CARMI, WHITE												
4402	3143	8.0			30.0	09-65		1	2	60	PENN SD, PROD (B)	
CASEY, CLARK												
* 217	450	21.5	22.4	106	31.8	08-53	08-54	9	4	40	SH SD (F)	
* 201	450	10.0			31.9	03-50	03-61	76	66	280	GRAV BED AND PROD (M)	
* 202		20.0	21.5	400	26.0	12-53	12-68	15	12	40	SH SD, PROD (M)	
CENTERVILLE, WHITE												
4409	3360	13.0			37.0	12-65		1	1	20	PENN SD (B)	*ESTIMATED
CENTERVILLE E, WHITE												
4379	2460	37.0	15.7		36.6	01-63		22	17	420	SH SD, PROD (M)	*INCL ALL PAYS +EST
	2632	10.0						1	1	10		
	2850	35.0	14.4					16	16	340		
	2980	18.0	14.1					15	16	330		
	3080	19.6	19.6	109				18	15	350		
	3225	6.0						1	2	60		
4394	2910	15.0	14.4	109	36.6	10-63		2	2	100	PRODUCED (B)	*ESTIMATED
4376	2500	16.0	15.7	21	35.4	09-63		2	2	40	PURCHASED (B)	*ESTIMATED
4203	2470	17.0	16.0	97		03-56		5	8	130	PALESTINE, PROD (B)	*ESTIMATED
	2650	17.0	15.0	12				8	9	190		
	2960	17.0	14.0	8				4	4	80		
	3060	20.0	20.0	45				4	7	110		
*4267	3366	7.0			43.0	06-54	12-55	1	1	20	TAR SPRINGS (B)	*INCL PRIMARY SINCE 6-54
*4246	2530	6.0			36.6	10-50	09-57	1	5	80	PRODUCED (B)	
CENTRAL CITY, MARION												
2623	864	22.0			34.0	10-64		1	5	60	PRODUCED (B)	
CENTRALIA, CLINTON, MARION												
419	3950	99.9			40.0	11-66		21	32	1080	AUX VASES (B)	*ESTIMATED
403	1368	10.0			38.0	10-55		3	4	40	CYPRESS, PROD (B)	*ESTIMATED
420	2880	29.0			38.8	06-66		2	4	269	PRODUCED (B)	*ESTIMATED
412	1200	10.0		80	34.0	11-60		3	6	45	PRODUCED (B)	*ESTIMATED
416	1360	10.0			35.0	09-70		1	5	100	PRODUCED (B)	
404	1200	20.4	20.2	225	34.8	05-56		122	78	1450	PENN,A V,DEV SOURCE;	

TABLE 11 - WATERFLOOD OPERATIONS

Field, County	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
Project no. * = ABD. + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
CENTRALIA, CLINTON, MARION (CONTINUED)										
404	SHELL OIL CO.		BENOIST	35,36-2N-1W						
* 408	SOHIO PETROLEUM	COPPLE TRENTON	TRENTON	35-2N-1W		236		34		21
CHESTERVILLE E, DOUGLAS										
* 501	ROYALCO, INC.	ARCOLA UNIT	SPAR MTN	5,6-14N-8E, 31-15N-8E	99	6471	2.0	1130	26	1977
CLAY CITY C, CLAY, JASPER, RICHLAND, WAY										
*1900	ASHLAND O AND R	BOOS EAST	MCCLOSKY	2,3,10-6N-10E		333		16		
*3402	ASHLAND O AND R	NOBLE NORTH	MCCLOSKY	35-4N-9E		315		5		
3419	WM. BECKER	WAKEFIELD-HARRELL U	CYPRESS	26-4N-9E	80*	2318	5.2*	396	50*	1535
* 362	C. E. BOOTH	STANFORD	AUX VASES	4-2N-7E		175		35		70
1915	C. E. BOOTH	DELLA HARVEY	SPAR MTN	12-5N-9E	35*	771	3.3*	51	35*	217
3405	C. E. BOOTH	S. NOBLE CONSLD	MCCLOSKY	30,31-3N-9E,	15*	3952	1.2*	161	15*	1582
				25,36-3N-8E						
*3403	H. L. BROCKMAN	EAST NOBLE UNIT	SPAR MTN	10-11-3N-9E		3464		251		1736
4064	CARL BUSBY	GASTON-SIMMS	AUX VASES	25-1S-6E	56	115	13.0	25	56	123
4186	C E R PRODUCTION	SYCAMORE CONSLD	AUX VASES	22,23,24-2N-7E	100*	2841*	5.4*	233*	100*	1386*
			MCCLOSKY							
1925	CARMAX IND	NEWTON EAST	MCCLOSKY	34-7N-10E;3-6N-10E		355		36		97
			ST LOUIS							
*4107	CONTINENTAL OIL	WILSON 'B'	SPAR MTN	15-1S-8E		212		13		53
*4073	COY OIL CO	EAST GEFF	AUX VASES	8,17-1S-8E		581		32		18
4147	CULLUM OIL CO.	ROBERTSON-BING-CREWS	AUX VASES	27,25-1S-8E	220*	2606	18.0*	182	120*	1108
*1913	DORAN OIL PROP.	BERGBOWER	MCCLOSKY	4-6N-10E		141		17		
4082	DUNCAN LSE+ROY	CREWS-SHORT COOP	AUX VASES	33-1S-8E	145	508	16.4	138		
4092	DUNCAN LSE+ROY	CREWS MIDDLE UNIT	AUX VASES	33-1S-8E	310	2495	12.2	125		
4098	DUNCAN LSE+ROY	JONES	AUX VASES	9-1S-7E	59	431	1.9	55		
*4109	F AND W OIL CO.	MILLER-LAMBRICH U	OHARA	29-1N-8E	*	*		144		
			SPAR MTN							
			MCCLOSKY							
4146	F AND W OIL CO.	MT. ERIE UNIT	AUX VASES	33,34,35-1N-8E	200	7991	21.3	1031	200*	4349
4174	FARRAR OIL CO.	MOLT	AUX VASES	29-1N-8E	111*	60	29.7	124	54	175
			MCCLOSKY							
*4156	FRMERS PETR COOP	BEARD, BORAH,WILSON U	AUX VASES	10-1S-8E		666	4.2*	373	25*	190
4175	DONALD W. GESELL	NE GEFF UNIT	AUX VASES	7-1S-8E		258		46		94
4173	J. O. GORDON	BOTMWELL	MCCLOSKY	24-2N-7E	40+	304	6.2*+	67	40*	295
1906	GLEN GRIFFITH	WILLOW HILL COOP	MCCLOSKY	6-6N-11E		6*		13*		135*
* 317	GULF OIL CO	S. STANFORD U	AUX VASES	8,9,16,17-2N-7E		2805		370		510
*4130	GULF OIL CO	WINONA	MCCLOSKY	12-1S-8E		25				300
*4094	ILL. LSE. OP.	BLACKBURN	AUX VASES	3-1S-8E		47		6		10
*4141	ILL. LSE. OP.	MILL,THOMPSON,GRSN,	AUX VASES	27-2N-7E		610		36		235
*4197	ILL. LSE. OP.	BORAH	AUX VASES	4-1S-8E		15		61		99
*4198	ILL. LSE. OP.	J. O. VURDULAS	OHARA	26-1S-7E		205*		41*		230*
4154	ILL. MID-CONT.	CREWS-SHORT COOP	AUX VASES	33,34-1S-5E	300*	503*	15.2*	61*	300	503
*4179	JENKINS BROS	NORTH FIRST STREET	AUX VASES	19-1S-8E		337		69		151
*4119	KIRBY PETROLEUM	KIRBY	AUX VASES	16,17-1N-7E		2464		360		391
4140	OAE V LOVE	BARNARD-HOLMAN-LISTON	AUX VASES	10-1S-7E	30*	509	2.3*	72	30*	417
*3416	MARATHON OIL CO.	NOBLE COOP U	MCCLOSKY	8-3N-9E						
3421	MURVIN OIL CO.	WAKEFIELD POOL U	CYPRESS	24-4N-9E	50*	2926*	5.4*	458*	100*	3007
300	O H AND F OIL CO	N CLAY CITY U	MCCLOSKY	5,8-3N-8E	30*	249	3.9*	151	30*	766
372	PARTLOW, COCHNOR	HENDERSON & SKELTON	CYPRESS	17-2N-8E	150*	425	22.9*	149	150*	450
			AUX VASES							
			SPAR MTN							
4069	PARTLOW, COCHNOR	HOSSELTON & GILL	CYPRESS	20-2N-8E	150*	550	13.7*	114	150*	600
			SPAR MTN							
* 301	PHILLIPS PET. CO	MINNIE	SPAR MTN	24-3N-7E		181		79		460
3427	BERNARD PODOLSKY	COEN U	AUX VASES	36-5N-9E	11	202	2.5	34		
4057	BERNARD PODOLSKY	W JEFFERSONVILLE	AUX VASES	15,16-1S-7E	48	553	6.4	32	27	104
4149	BERNARD PODOLSKY	MARSHALL	AUX VASES	16-1S-5E	41	640	6.7	55	53	363
4159	BERNARD PODOLSKY	NW FAIRFIELD U	OHARA	26,35-1S-7E	92	2417	35.6	238	9	355
4194	BERNARD PODOLSKY	GRAY	AUX VASES	16,21-1S-8E	54	1338	1.6	83	73	564
*1901	ROBINSON PROD.	NE MCCLOSKY U NO 1	MCCLOSKY	13,14,24-7N-10E		1367		252		328
*1902	ROBINSON PROD.	WILLOW HILL, SE BAR	MCCLOSKY	23,26-7N-10E		3326		639		1113
4067	ROBINSON PROD.	NE GEFF-MURPHY	AUX VASES	5,6-1S-8E	94	200	11.5	31	14	25
			OHARA							
4068	ROBINSON PROD.	CARTER U	AUX VASES	28,29,32,33-1N-8E	20	42	2.7	5		
4084	ROBINSON PROD.	WESLEY FELLER	AUX VASES	7-1N-8E	9	368	0.1	83	9	405
*4115	ROBINSON, PUCK.	N PUCKETT U	AUX VASES	9-2S-8E		966		122		
*4116	ROBINSON, PUCK.	S PUCKETT U 1	AUX VASES	16-2S-8E		4337		458		1798
1918	HUBERT ROSE	LIBERTY W UNIT	MCCLOSKY	16,21-5N-10E		319		24		24
3433	HUBERT ROSE	DUNDAS WEST UNIT	MCCLOSKY	28,33-5N-10E		1274		54		68
3436	HUBERT ROSE	SOUTH NOBLE UNIT	MCCLOSKY	29,32-3N-9E	100*	1537	3.7*	120	100*	736
4111	ROYALCO, INC.	M.OSTERMAN	AUX VASES	14,23-1S-5E	163	423	7.5	102	34	105
			OHARA							
			MCCLOSKY							
* 347	J. W. RUDY DRLG.	ED WILSON	AUX VASES	32-3N-8E		235		44		41
363	J. W. RUDY DRLG.	CLARK LEASE	CYPRESS	20-3N-8E	4	62	0.6	7	4	32
*3414	J. W. RUDY DRLG.	STIFF	MCCLOSKY	34-5N-10E		159		33		54
4085	J. W. RUDY DRLG.	FLEXTER	AUX VASES	3-1N-7E	22	432	2.2	135	22	259
3444	FRED SEIP	R. S. SHATTO	MCCLOSKY	20-3N-9E	100+	935	9.6+	129*	100+	975
*4117	SHAKESPEARE OIL	E. BANKER SCHOOL U	CYPRESS	22-2N-5E		501		219		587
*4115	SHAKESPEARE OIL	E. GEFF UNIT	AUX VASES	12,13-1S-7E,		9553		966		3900
				7,17,18-1S-8E						
4177	SHULMAN BROTHERS	NE GEFF U	AUX VASES	1,11,12,13-1S-7E	324	9470	13.7	1265	316	4241
*4196	JOE SIMPKINS OIL	MEISNER UNIT	AUX VASES	3-2S-8E,33,34-1S-8E		2344		239		1033
3425	WAYNE SMITH, OP.	ONION HILL U	AUX VASES	1,12-4N-9E, 36-5N-9E		5929		158		3127
			SPAR MTN		110*	237	5.6*	12	70*	50
4190	S. ILL. OIL PROD	SOUTH CISNE U	AUX VASES	27-1N-7E	70*	533	4.9*	76	70*	336
*1907	M. M. SPICKLER	WILLOW HILL	MCCLOSKY	36-7N-10E				2		
4079	TAMARACK PET.	BLACK OAK SCHOOL U	AUX VASES	22,23,26,27-1S-5E	1012	4140	29.3	157	100	627
4081	TAMARACK PET.	CLAY UNIT	AUX VASES	9,10,15,16-1S-5E	294	1523	15.4	54	76	266
*4095	TAMARACK PET.	EAST CLAY	AUX VASES	10-1S-5E		284		19		36
*4108	TAMARACK PET.	PIERCE	SPAR MTN	22-2N-5E		1013*		56		922
4157	TAMARACK PET.	S.W. MT. ERIE U	AUX VASES	4-1S-8E	214	1151	5.3	73	26	223
*4165	TAMARACK PET.	W GEFF U	MCCLOSKY	28,33-1N-7E, 4-1S-7E		2900				
*4166	TAMARACK PET.	W GEFF U	AUX VASES	28,33-1N-7E;3,4-1S-7E		1436		137*		883*
*4175	TAMARACK PET.	W GEFF U	OHARA	28,33-1N-7E;3,4-1S-7E		467				

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water Source SD = Sand, GRAV = Gravel, PROD = Produced, SH = Shallow Type (F) = Fresh, (B) = Brine, (M) = Mixed	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.		
CENTRALIA, CLINTON, MARION (CONTINUED)												
404	1350	19.6	19.6	186				75	88	1560	CYP,BEN, PROD (B)	
* 408	3950	22.0	10.0		39.8	11-51	03-53	2	12	160	DEVONIAN (B)	
CHESTERVILLE E, DOUGLAS												
* 801	1725	10.0	16.0	167	38.0	09-61	08-73	11	2	360	RIVER, PROD (M)	
CLAY CITY C, CLAY, JASPER, RICHLAND, WAY												
*1900	2645	8.0			40.0	09-53	04-60	3	3	40	GRAV, PROD (M)	
*3402	3000	5.0			38.0	07-54	04-61	1	1	20	CYPRESS (B)	
3419	2540	28.0	18.0	140		07-60		5	5	100	PENN SD, PROD (B)	*ESTIMATED
* 362	2970	10.0			36.0	12-66	04-73	1	1	20	PENN SD, PROD (B)	
1915	2960	10.0	13.6		35.1	03-62		2	3	50	PENN SD, PROD (B)	*ESTIMATED
3405	2975	5.0	15.0	24		07-57		1	2	448	PRODUCED (B)	*ESTIMATED
*3403	2950	11.0			38.0	05-55	12-71	5	18	260	PRODUCED (B)	*NO INJ 1970-71
4064	3090	10.0				1-72		2	5	180	PRODUCED (B)	
4186	2930	20.0	19.0	75		11-64		2	6	440	PENN SD, PROD (B)	*ESTIMATED
	3010	20.0						2	2	100		
1925	2650	15.0				08-70		4	12	280	CYP,SURFACE (M)	INACTIVE 1973
	2950	18.0						3	12	280		
*4107	3160	10.0				04-55	04-63	1	2	40	CYPRESS, PROD (B)	
*4073	3075	10.0	19.0	30	40.0	01-69	01-72	3	3	100	SH SAND (F)	
4147	3130	12.0			39.0	01-61		4	10	250	PENN SD, PROD (B)	*ESTIMATED
*1913	2850	16.0				10-60	12-64	1	10	240	CYPRESS (B)	
4082	3100	21.0				04-67		2	4	70		
4092	3110	28.0				08-65		5	4	260	PENN SD, PROD (B)	
4098	3128	20.0				12-62		2	4	50	PENN SD, PROD (B)	
*4109	3060	15.0				08-50	01-63	4	4	150	CYPRESS (B)	*DUMP FLOOD, NO RECORD
	3080	15.0						4	4	150		
	3100	15.0						4	4	150		
4146	3000	11.0	13.0	16	40.2	10-60		6	12	720	SH SD, PROD (M)	
4174	3010	20.0				08-64		1	3	40	PRODUCED	*ABD 1965-1968
								1	3	40		
*4156	3100	14.0			40.0	07-62	12-70	2	4	200	PENN SD (B)	*ESTIMATED
4175	3031	15.0	20.0	27	38.5	02-64		2	2	50	PENN SD, PROD (B)	*TEMP ABD 9-1-70
4173	2990	5.0			37.0	07-63		1	2	20	PRODUCED (B)	*ESTIMATED +AFFECTED BY ADJ WF
1906	2634	9.0	15.0	24		06-57		1	1	70	PRODUCED (B)	*NO DATA 1967-73
* 317	2975	11.8	19.8	97	38.8	05-54	12-60	9	8	170	PENN SD, PROD (B)	
*4130	3115	8.0	12.0		40.1	08-55	10-56	1	1	12	TAR SPRINGS (B)	
*4094	3031	26.0				04-66	04-69	1	1	20	PENN SD (B)	
*4141	3130	12.0			32.6	03-60	10-65	3	7	160	PRODUCED (B)	
*4197	3040	22.0				01-66	01-73	1	1	20	PRODUCED (B)	*INJ SUSPENDED 8-66
*4198	3215	20.0			38.0	10-62	08-68	1	3	40	PENN SD (B)	*NO DATA BEFORE 1965
4184	3150	15.0	14.0	40		12-65		3	3	60	PENN SD (B)	*ESTIMATED
*4179	3146	7.8	18.0	75	37.5	08-58	01-72	2	1	80	POND, PROD (M)	
*4119	2900	5.0	19.0		38.0	01-55	05-62	4	15	400	PENN SD, PROD (B)	
4140	3135	13.0			38.4	12-60		2	4	60	PRODUCED (B)	*ESTIMATED SINCE 1970
*3416	2500					08-54	10-60	3	8	120	PRODUCED (B)	*INCL WITH 3409
3421	2535	21.0			35.0	10-60		6	13	320	TAR SPGS (B)	*ESTIMATED 1962-70
300	3010	5.0				06-55		1	1	100	RIVER, PROD (M)	*ESTIMATED SWD ONLY
372	2650	10.0				06-69		1	4	80	PRODUCED (B)	*ESTIMATED
	2920	20.0						1	4	80		
	3002	8.0						1	5	80		
4069	2640	12.0				06-68		1	5	60	PRODUCED (B)	*ESTIMATED
	3010	8.0						1	5	60		*ESTIMATED
* 301	2990	30.0	14.0	2000	38.5	07-53	05-58	1	1	20	PROD (B)	
3427	2800	6.0			36.0	05-64		1	4	50	PENN SD, PROD (B)	
4087	3120	13.0				06-67		3	6	120	SH WELL (F)	
4149	3120	20.0			38.0	11-65		3	8	120	PURCHASED (F)	
4159	3200	7.2	13.0	200	40.1	10-62		5	4	480	PENN SD (B)	
4194	3150	12.0			39.0	11-65		4	9	100	CYPRESS (B)	
*1901	2530	6.2	14.0		38.0	05-51	01-70	2	6	235	PRODUCED (B)	
*1902	2580	8.2	14.0		40.0	05-53	01-70	3	5	415	SH SD, PROD (M)	
4067	3075	7.5	19.0	35		08-71		6	8	236	PRODUCED (B)	
	3130	4.5						2	8	215		
4068	3015	6.5	18.5	30	37.0	09-71		1	4	165	WELL & PROD (M)	
4084	2935	11.0	16.0	35	39.3	03-67		1	1	50	PRODUCED (B)	
*4115	3150	8.0	19.0	115	39.0	01-56	05-63	6	4	172	SEWAGE, PROD (M)	
*4116	3200	14.8	20.0	80	39.0	08-54	05-63	7	11	243	SEWAGE, PROD (M)	
1918	2900	7.0				04-65		1	1	100	PENN SD, PROD (B)	*NO DATA 1973
3433	2870	5.0	13.0	120		01-65		2	3	180	PRODUCED (B)	*NO DATA 1973
3436	3005	9.0				09-66		3	5	170	PRODUCED (B)	*ESTIMATED
4111	3050	15.0				06-71		1	3	80		
	3100	8.0				04-58		1	2	70		
	3150	10.0				06-71		1	2	70		
* 347	2933	15.0			39.2	02-59	01-72	1	2	40	CYPRESS (B)	
363	2678	10.0				06-68		1	1	30	SURFACE PROD (M)	
*3414	2935	7.0			40.0	04-66	01-72	2	2	90	CYPRESS, PROD (B)	
4088	2990	12.0	19.0	22	38.5	12-61		1	2	120	CYPRESS, PROD (B)	
3444	3000	5.0	16.0	1307	39.0	01-61		1	1	40	PRODUCED (B)	*INCL PRIM PROD +ESTIMATED
*4117	2639	12.5	16.5	43	34.4	01-57	12-71	2	2	60	SH SD (F)	
*4118	3065	15.9	19.0	85	38.7	01-57	01-72	30	31	588	SH SD, PROD (M)	
4177	3075	20.0	18.0	75		09-64		30	18	1127	PENN SD, PROD (B)	*INJ DISCONTINUED 8-72
*4196	3170	18.0			39.0	08-65	12-72	20	19	480	PENN SD, PROD (B)	*ESTIMATED
3428	2800	10.0	18.0	50	39.0	04-64		30	25	500	PENN SD, PROD (B)	*ESTIMATED
	2900	****						1	2	40		
4190	3004	16.0			38.0	10-65		1	4	40	PENN SD, PROD (B)	*ESTIMATED 1967-70
*1907	2615	10.0				06-52	12-54	1	1	20	PRODUCED (B)	*DUMP FLOOD, NO DATA
4079	3100	14.0	20.1	8	39.0	09-68		7	19	680	PENN SD (B)	
4081	3100	9.0				03-68		4	7	220	SH GRAVEL (F)	
*4095	3060	10.0				02-69	02-72	3	2	40	SH GRAVEL (F)	
*4108	3016	10.0				02-54	12-61	2	2	80	PRODUCED (B)	*ESTIMATED
4157	3040	10.1	15.9	24	39.0	10-62		3	3	100	PURCHASED (B)	
*4165	3200	19.0				11-63	12-67	7	20	960	PENN SD (B)	*INCL WITH 4166
*4166	3080	8.0				12-63	12-67	6	13	250	PENN SD (B)	*INCL 4165, 4178
*4178	3170	5.4				12-63	12-66	3	5	160	PENN SD (B)	*INCL WITH 4166

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
CLAY CITY C, CLAY, JASPER, RICHLAND, WAY										
(CØNTINUED)										
4191	TAMARACK PET.	CISNE UNIT	AUX VASES	3,9,10-1S-7E	238	2740	11.2	377	82	552
4193	TAMARACK PET.	WILSØN U	AUX VASES	23,26-2N-8E	273	2441	8.2	322	153	986
*4132	TEXACØ, INC.	E. GALLIGHER	MCCLØSKY	2-2S-7E		32				
*4144	SAM TIPPS	W GEFF U	AUX VASES	16,17,21-1S-7E		1690		105		1137
302	UNIØN ØIL CALIF.	T M & S UNIT	CYPRESS	9,10-2N-8E	43	68	22.5	32	69	107
304	UNIØN ØIL CALIF.	NE WØØDSIDE SCHØØL	CYPRESS	16,17-2N-8E	18	1621	14.5	84	46	412
			MCCLØSKY							
335	UNIØN ØIL CALIF.	WEILER SCHØØL CØNSLD	CYPRESS	33,34-3N-8E,3,4-2N-8E	243	7493	38.8	952	127	3435
			MCCLØSKY							
341	UNIØN ØIL CALIF.	W.CLAY CITY	AUX VASES	10-2N-7E	711	2204	46.0	172	293	984
			MCCLØSKY							
349	UNIØN ØIL CALIF.	THØMAS SCHØØL U	CYPRESS	5,6,7,8,17,18-2N-8E;	2028	19361	101.1	2012	913	7931
			AUX VASES	12-2N-7E						
			MCCLØSKY							
358	UNIØN ØIL CALIF.	BUNNYVILLE C *	CYPRESS	27,28,29,32,33-3N-8E;	2438	9374	242.0	1183	1468	6074
			BETHEL	4,5,6-2N-8E						
			AUX VASES							
			MCCLØSKY							
1910	UNIØN ØIL CALIF.	E NEWTØN CØNSØL	MCCLØSKY	27,34-7N-10E	530	4763	43.4	359	290	1667
1911	UNIØN ØIL CALIF.	MT. GILEAD CØNSØL	MCCLØSKY	19,20,29,30-5N-10E	916	9930	20.3	512	84	4758
1919	UNIØN ØIL CALIF.	N. DUNDAS U	AUX VASES	7,8,9,18-5N-10E	839	10449	54.8	770	898	6647
			MCCLØSKY							
1922	UNIØN ØIL CALIF.	S BØØS U	AUX VASES	33-6N-10E;	2227	17555	105.5	1458	1179	7144
			MCCLØSKY	4,5,6-5N-10E						
			SALEM							
1924	UNIØN ØIL CALIF.	MØNEY CØNSØL	AUX VASES	16,17-5N-10E	353	3798	28.4	232	560	2513
			MCCLØSKY							
			SALEM							
3404	UNIØN ØIL CALIF.	ØLD NØBLE	CYPRESS	3,4,5,8,9-3N-9E;	6808	110206	213.7	5903	6808	110206
			MCCLØSKY	32,33-4N-9E						
*3406	UNIØN ØIL CALIF.	SW NØBLE U	SPAR MTN	11,12-2N-8E		3810*		181		1056
3418	UNIØN ØIL CALIF.	WAKEFIELD CØNS	CYPRESS	13,14,22,23,24,25,26,	604	38320	29.9	3786	488	26696
				27-4N-9E						
3425	UNIØN ØIL CALIF.	GUYØT CØNSLD	CYPRESS	35,36-3N-8E,1,2-2N-8E	289	5776	18.5	335	157	1507
			MCCLØSKY							
3429	UNIØN ØIL CALIF.	NE WAKEFIELD CØNSLD	CYPRESS	13,14-4N-9E	12	380	1.1	39	12	79
3431	UNIØN ØIL CALIF.	HØG RUN CØNSLD	AUX VASES	17-3N-9E	152	1908	6.6	88	123	526
			MCCLØSKY							
3434	UNIØN ØIL CALIF.	SUGAR CREEK UNIT	SPAR MTN	26,27-4N-9E	2	1083	2.5	57	8	49
			MCCLØSKY							
3437	UNIØN ØIL CALIF.	S DUNDAS CØNSØL	MCCLØSKY	30,31-5N-10E	417	1635	12.0	88	144	494
			MCCLØSKY							
*3438	UNIØN ØIL CALIF.	B-B CØNSØL	MCCLØSKY	27,28-4N-9E	42	494	3.5	32	5	129
3440	UNIØN ØIL CALIF.	W A M CØNSØL	AUX VASES	13,14,23,24,26-4N-9E	491	2083	6.6	56	91	294
			SPAR MTN							
3441	UNIØN ØIL CALIF.	R M & P CØNSØL	MCCLØSKY	24,25-3N-8E	309	894	6.7	21	69	185
3442	UNIØN ØIL CALIF.	ØUTER WAKEFIELD C	CYPRESS	14,23-4N-9E	150	674	5.7	36	40	122
			AUX VASES							
3443	UNIØN ØIL CALIF.	LU-BERG AREA	CYPRESS	25-4N-9E	249	546	44.9	109	5	9
4065	UNIØN ØIL CALIF.	BANKER SCHØØL CØNSLD	CYPRESS	15,21,22,28-2N-8E	178	1831	12.2	811	65	996
4070	UNIØN ØIL CALIF.	E BANKER SCHL	CYPRESS	21,28-2N-8E	119	260	26.6	46	30	54
			AUX VASES							
*4074	UNIØN ØIL CALIF.	SE WØØDSIDE SCHØØL	MCCLØSKY	20,29-2N-8E	11	370		8	3	28
4075	UNIØN ØIL CALIF.	S WØØDSIDE SCHL	AUX VASES	19,20,30-2N-8E;	450	1518	37.6	136	181	512
			MCCLØSKY	25-2N-7E						
4076	UNIØN ØIL CALIF.	E DRY FØRK	AUX VASES	25-1S-6E	195	552	26.7	62	15	29
4080	UNIØN ØIL CALIF.	WØØDSIDE SCHL C	CYPRESS	24-2N-7E;19,20-2N-8E	2071	9648	103.3	593	659	3241
			AUX VASES	13-2N-7E;18-2N-8E						
			MCCLØSKY							
4091	UNIØN ØIL CALIF.	CENT JØRDAN SCHØØL	AUX VASES	1-1N-7E	652	4482	28.3	446	414	2430
			MCCLØSKY							
4097	UNIØN ØIL CALIF.	DEER CREEK S	CYPRESS	11,12-1S-8E	264	2756*	14.4	100*	103	476*
			MCCLØSKY							
*4099	UNIØN ØIL CALIF.	BRADLEY U	AUX VASES	26-1N-7E		639		42		
4106	UNIØN ØIL CALIF.	SW VANFØSSAN U	AUX VASES	25,26,27-1N-8E	579	4111	24.6	293	103	1522
			ØHARA							
			MCCLØSKY							
*4112	UNIØN ØIL CALIF.	JØRDAN SCHØØL U	AUX VASES	27,34,35-2N-7E,		25655		2325		13777
				3-1N-7E						
*4113	UNIØN ØIL CALIF.	NE JØRDAN SCHØØL U	AUX VASES	25,26,35,36-2N-7E		13813		1316		8468
4114	UNIØN ØIL CALIF.	VAN FØSSAN U	MCCLØSKY	10,14,15,22,23,26,27-	409	15647	6.6	699	409	8220
				1N-8E						
4131	UNIØN ØIL CALIF.	SE JØRDAN SCHØØL U	AUX VASES	2,11-1N-7E	1210	19968	33.7	1675	904	12043
4135	UNIØN ØIL CALIF.	DEER CREEK UNIT	AUX VASES	1,2,10,11-1S-8E	663	7627	30.1	631	576	3255
			MCCLØSKY							
4142	UNIØN ØIL CALIF.	ELM RIVER U	AUX VASES	30,31-2N-8E	305	5872	11.3	528	162	2825
			MCCLØSKY							
4143	UNIØN ØIL CALIF.	FELLER FLØØD CØNSLD	AUX VASES	5,6,7,8-1N-8E	533	12987	28.1	1685	550	8224
*4152	UNIØN ØIL CALIF.	ØREGØN SCHØØL U	AUX VASES	20,21,28,29-1S-8E		2839		185		1579
4153	UNIØN ØIL CALIF.	SE ENTERPRISE U	AUX VASES	24-1N-8E	5	1104	3.1	54	5	211
4164	UNIØN ØIL CALIF.	E. JØRDAN SCHØØL C	AUX VASES	1-1N-7E,6-1N-8E,	2542	29903*	76.6	2905*	1978	16451*
			MCCLØSKY	35,36-2N-7E						
4176	UNIØN ØIL CALIF.	S JØRDAN SCHØØL U	AUX VASES	11,12-1N-7E,7-1N-8E	962	11464	69.1	1404	569	3838
4185	UNIØN ØIL CALIF.	ZIF CØNSLD	CYPRESS	4-1N-8E; 33,34-2N-8E	1226	11672	80.8	1543	799	5577
			AUX VASES							
			MCCLØSKY							
4187	UNIØN ØIL CALIF.	SØUTH CISNE CØNSLD	AUX VASES	27,34-1N-7E	159	4481	8.9	111	133	698
			MCCLØSKY							
4188	UNIØN ØIL CALIF.	N CISNE U	AUX VASES	22,27-1N-7E	174	3022	11.1	219	302	1952
			MCCLØSKY							
4136	VERNE M. VAUGHN	BLESSING-CHRISMAN U	AUX VASES	31,32-1N-8E	52	613	1.7	179	24	260
*4180	WATKINS DRILLING	WATKINS-WHITLØCK	AUX VASES	9-1S-7E		152		45		143
4151	H. WEINERT EST.	SØUTH BØYLESTØN UNIT	AUX VASES	3,4,9,10-2S-7E	329	4347	15.7	306		
4162	H. WEINERT EST.	NØRTH BØYLESTØN UNIT	AUX VASES	33,34-1S-7E;3,4-2S-7E	1004	12646	27.1	702		
			MCCLØSKY							
1926	WICHITA RIVER	EAST NEWTØN WF	MCCLØSKY	22,23,26,27-7N-10E	690*	1724	43.4*	105	125*	237
*4110	M. J. WILLIAMS	CØVINGTØN UNIT	ØHARA	25-1S-6E;19,20,29,30,		26912		1689		14374

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow Type (F) = Fresh (B) = Brine (M) = Mixed	
								Inj.	Prod.			
CLAY CITY C, CLAY, JASPER, RICHLAND, WAY (CONTINUED)												
4191	3100	10.0	18.0	50	34.5	11-65		6	6	180	PENN SD, PROD (B)	
4193	2960	14.0	19.0	30	39.0	01-65		10	10	280	SH GRAVEL (F)	
*4132	3255	6.0			38.0	01-58	07-59	1	1	40	CYPRESS, PROD (B)	
*4144	3150	13.0	19.0	85		11-60	01-64	9	10	150	PENN SD (B)	
302	2610	15.0	18.0	65	37.2	05-72		1	4	200	PRODUCED (B)	
304	2620	16.0	18.0		37.6	04-68		2	2	80	PENN SD,PROD(B)	
	3000	25.0	15.0					4	2	280		
335	2596	17.0	15.0	24		07-61		8	7	320	PENN SD, PROD (B)	
	2957							3	5	280		
341	2960	15.0			38.0	8-71		1	4	60	PRODUCED (B)	
	3070	10.0	16.0			9-70		4	6	240		
349	2650	20.0	13.0	200		07-65		38	34	1480	PENN SD, PROD (B)	
	2900	20.0						8	12	200		
	3000	27.0						6	15	700		
358	2620	16.0	18.0	24	38.5	05-65		24	42	2300	PRODUCED (B)	*INCL FORMER C WILKIN
	2880	8.0	10.0					9	19	300		
	2950	11.0	18.5					11	15	400		
	3000	25.0	15.0					11	14	700		
1910	2670	8.0	15.0	24		10-60		5	6	180	CYPRESS, PROD (B)	
1911	2750	10.0				01-66		7	8	880	PRODUCED (B)	
1919	2720	37.0	18.0	87		07-65		16	28	1250	PENN SD, PROD (B)	
	2791	31.0						13	24	1320		
1922	2720	12.0				11-66		15	22	310	PRODUCED (B)	
	2900	11.0						12	18	570		
	3400	32.0						15	16	680		
1924	2720	11.0	18.5			08-68		4	4	200	PRODUCED (B)	
	2780	25.0	15.0					3	7	200		
	3297	13.0	11.0					4	5	360		
3404	2590	15.0	15.0	24	36.8	08-54		19	67	1550	PRODUCED (B)	
	2930	10.0						11	32	1702		
*3406	2984	6.0	15.0	75		05-57	03-66	2	3	340	CYPRESS, PROD (B)	*ESTIMATED
3418	2545	32.0	17.0	120		05-59		12	20	1640	PENN SD, PROD (B)	
3425	2620	20.0	15.0	75		12-63		9	8	500	PENN SD, PROD (B)	
	3000	20.0						5	7	400		
3429	2579	15.0	18.0	65		11-64		1	1	100	PENN SD, PROD (B)	
3431	2883	25.0	15.0	75		10-65		3	3	200	CYPRESS, PROD (B)	
	2967	7.0						3	3	229		
3434	2925	5.0				05-66			1	300	PENN SD, PROD (B)	
	2950	5.0						3	1	300		
3437	2838	25.0			38.5	06-68		1	3	80	SUB-SURFACE (B)	
	2838	25.0						1	3	80		
*3438	2983	25.0	15.0		39.6	10-68	09-73	1	3	240	PRODUCED (B)	
3440	2878	27.0	15.0		38.1	09-69		1	3	80	WATER SOURCE WELL (B)	
	2905	15.0	14.0					4	3	150		
3441	2940	11.0	18.0		38.5	04-70		2	1	120	PRODUCED (B)	
3442	2619	12.0				12-69		1	3	50	PENN SD (B)	
	2876	14.0						1	4	50		
3443	2550	10.0	17.0	50	38.8	09-71		5	4	160	PRODUCED (B)	
4065	2639	15.0	18.0	65		09-56		8	6	620	PENN SD, PROD (B)	
4070	2640	15.0	18.0	65	38.6	10-71		2	7	60	WELL (B)	
	2945	15.0	16.0	77				1	3	60		
*4074	3025	14.0	16.0		38.6	05-69	11-73			240	PRODUCED (B)	
4075	2915	10.0				05-69		3	6	200	PRODUCED (B)	
								3	5	200		
4076	3119	11.0			38.3	05-69		2	2	200	WELL, PROD (B)	
4080	2620	16.0	18.0		37.0	04-68		13	11	670	PENN SD, PROD (B)	
	2950	11.0	18.5					8	10	670		
	3000	25.0	15.0					11	18	874		
4091	2930	15.0	18.0		41.5	03-68		6	5	290		
	2990	4.0	15.0					5	6	290		
4097	2725	8.0	15.0	24	39.4	02-50		2	3	200	PENN SD, PROD (B)	*NO DATA BEFORE 1965
	3090	4.0						3	3	240		
*4099	3013	20.0	22.0	100	39.0	05-60	09-68	3	3	60	PRODUCED (B)	
4106	2975	20.0				01-67		14	15	460	WELL, PROD (M)	
	3030	6.0						4	4	160		
	3075	6.0						3	3	120		
*4112	2950	14.0	19.0	73		09-54	12-71	37	35	830	PENN SD, PROD (B)	
*4113	2950	15.0	19.0	106		01-56	05-69	14	12	510	PENN SD, PROD (B)	
4114	3070	10.0	13.0	200		01-54		2	5	1810	PRODUCED (B)	
4131	2930	17.0	19.0	106		11-57		16	18	640	PENN SD, PROD (B)	
4135	2990	8.0				12-66		16	16	893	PENN SD, PROD (B)	
	3090	4.0						3	8	450		
4142	2910	20.0	18.0	87		09-58		5	7	210	PENN SD, PROD (B)	
	3010	10.0						3	5	40		
4143	2950	16.0	16.0	77		09-58		20	12	1044	PENN SD, PROD (B)	
*4152	3186	14.0	19.0	35		01-61	08-67	6	7	380	PENN SD, PROD (B)	
4153	2992	12.0	19.0	75		05-61		1	2	70	PENN SD, PROD (B)	
4164	2950	15.0	19.0	77		01-63		35	24	1110	PENN SD, PROD (B)	*INCL DROPPED PROJ 4096
	3030	5.0						8	8	400		
4176	2930	23.0	18.0	75		08-64		15	9	880	PENN SD, PROD (B)	
4185	2640	15.0	18.0	75		12-64		2	3	60	PENN SD, PROD (B)	
	2945	15.0						19	20	820		
	3023	5.0						11	12	750		
4187	3005	35.0	18.0	75		12-64		10	7	400	PENN SD, PROD (B)	
								2	5	200		
4188	3005	35.0	18.0	75		11-64		12	7	640	PENN SD, PROD (B)	
	3100	18.0						4	4	200		
4136	3050	18.0				04-59		2	2	50	CYPRESS (B)	
*4180	3129	11.0	18.0	75	38.0	11-59	10-66	1	1	40	POND, PROD (M)	
4151	3100	16.0				04-61		4	5	100	PENN SD, PROD (B)	
4162	3094	16.0				02-62		5	8	130	PENN SD (B)	
	3240	10.0						7	18	600		
1926	2760	15.0	15.0	25	40.0	10-71		5	14	620	CYP, PROD (B)	*ESTIMATED
*4110	3200	8.0	14.0	80	38.0	06-55	01-72	12	13	1600	PENN SD, PROD (B)	

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
CLAY CITY C, CLAY, JASPER, RICHLAND, WAY (CONTINUED)										
*4110	M. J. WILLIAMS		MCCLOSKY	31,32,33-1S-7E						
345	ZANETIS OIL PROP	STANFORD LEASES	AUX VASES	3,4,10-2N-7E	125*	1251*	10.0*	168*	125*	168*
*1908	ZANETIS OIL PROP	P. KELLY 3	SPAR MTN	1-5N-9E		184		88		312
*1909	ZANETIS OIL PROP	C. HARVEY 2	SPAR MTN	12-5N-9E		457		2		
*1917	ZANETIS OIL PROP	HINES-OCHS 'A' ETAL	SPAR MTN	4,9-5N-10E		77		14		27
1921	ZANETIS OIL PROP	KELLER 'A'-PAYNE HRS.	AUX VASES	5,6-5N-10E	290*	1973	84.8*	445	290*	1397
			SPAR MTN							
			SALEM							
*4096	ZANETIS OIL PROP	SHAW	AUX VASES	34-1S-8E		142		12		24
COIL, WAYNE										
4077	BELL BROTHERS	COIL U	AUX VASES	17,18,19-1S-5E	547	3051	103.7	567	264	759
4100	R. C. MCBRIDE	YOUNGBLOOD U	AUX VASES	19-1S-5E	150	1339	32.2	295	144	755
COIL W, JEFFERSON										
*2011	GULF OIL CO	COIL W U	AUX VASES	14,15,22,23-1S-4E		1319		82*		749*
*2012	GULF OIL CO	COIL W U	MCCLOSKY	22-1S-4E		81				
2026	STONE OIL CO	FARRINGTON	ST LOUIS	24-1S-4E	137	697	39.5	149	83	187
CONCORD C, WHITE										
*4281	ABSHER OIL CO	CONCORD UNIT	TAR SPRINGS	28-6S-10E		1169		251		339
*4208	C. E. BREHM	CONCORD N UNIT	AUX VASES	10-6S-10E		637		66		
*4228	GT LAKES CARBON	MCCLOSKY	SPAR MTN	28-6S-10E		233		5		44
			MCCLOSKY							
*4309	HUMBLE O AND R	CONCORD CO-OP	TAR SPRINGS	28-6S-10E		1179		143		379
			AUX VASES							
*4205	BARRON KIDD	KERWIN-CONCORD	MCCLOSKY	21-6S-10E		342		12		77
*4299	D. R. LEAVELL	CONCORD	TAR SPRINGS	28-6S-10E		3964		402		1910
*4331	D. R. LEAVELL	CONCORD	AUX VASES	28-6S-10E		370		55		289
*4332	D. R. LEAVELL	TULEY	CYPRESS	21,22-6S-10E		1276		57		455
*4358	D. R. LEAVELL	TULEY	AUX VASES	21-6S-10E		141*		24*		66*
4206	PHILLIPS PET. CO	KERWIN	CYPRESS	21-6S-10E	102	2861	8.8	224	84	1394
			AUX VASES							
			SPAR MTN							
			MCCLOSKY							
*4229	PHILLIPS PET. CO	DALLAS	SPAR MTN	28-6S-10E		247		3		42
			MCCLOSKY							
4207	REBSTOCK OIL CO.	TULEY	CYPRESS	21-6S-10E	30*	2479	3.0*	185	30*	1635
			AUX VASES							
			MCCLOSKY							
*4325	THUNDERBIRD OIL	N CONCORD U	HARDINSBURG	9,10-6S-10E		8492		903		5632
CONCORD E C, WHITE										
4233	H. E. GARRETT	PEARCE U	CYPRESS	35-6S-10E,2-7S-10E	20*	310+	3.0*	10	20*	117
COOKS MILLS C, COLES, DOUGLAS										
* 522	CHARLES R. GRAY	COMBES ESTATE	SPAR MTN	13,24-14N-7E		76		1		
* 802	CHARLES R. GRAY	LOGAN-MOORE	SPAR MTN	13-14N-7E		61		1		
* 510	KUYKENDALL DRLG.	BRADLEY WF	SPAR MTN	26,27,34,35-14N-7E		1914		56		875
* 513	KUYKENDALL DRLG.	EASTON WF	SPAR MTN	27-14N-7E		556		12		243
* 505	S AND M OIL CO.	COOKS MILLS UNIT	SPAR MTN.	9,15,16-13N-7E		3620		262		2800
* 508	SCHAEFER OIL CO.	COOKS MILLS U	SPAR MTN	18,19,20,30-14N-8E, 13,24,25-14N- 7E		3165		211		954
CORDES, WASHINGTON										
4010	MOBIL OIL CORP.	GILL EST., P.KOZUSZEK	BENOIST	26-3S-3W	433	2643	17.5*	1528*	329	2460
4000	SHELL OIL CO.	CORDES COOP	BENOIST	14,15,22,23-3S-3W	700	25857	64.1	4799	832*	28859*
COVINGTON S, WAYNE										
*4120	GENERAL AMERICAN	HEIDINGER-VOGEL	MCCLOSKY	13-2S-6E		51				
CROSSVILLE W, WHITE										
*4404	CONTINENTAL OIL	CROSSVILLE WEST U	AUX VASES	15,16-4S-10E		1199		46		245
			SPAR MTN							
			MCCLOSKY							
DALE C, FRANKLIN, HAMILTON, SALINE										
*1309	C. E. BREHM	WESTBROOK	AUX VASES	1-7S-4E;6-7S-5E		1015		110		
*1513	C. E. BREHM	CANTRELL U	AUX VASES	4,5-7S-5E		3007		340		244*
*1534	C. E. BREHM	MOGAN U	AUX VASES	16-7S-5E		2427		73		276*
*1544	C. E. BREHM	P.H. SMITH	AUX VASES	33-6S-5E, 4-7S-5E	38	1588	0.4	275	38*	637
*1545	C. E. BREHM	RURAL HILL S	AUX VASES	33,34-6S-5E,3,4-7S-5E		1371		10		93*
*1552	C. E. BREHM	MOORE U	AUX VASES	29,30,32-6S-5E		737		13		104*
*1553	C. E. BREHM	CROW U	AUX VASES	31-6S-5E		1282		155		101*
3622	C. E. BREHM	WEST END	AUX VASES	19,20,30-7S-5E; 25-7S-4E	174	6879	18.2	659	174*	1432
3620	C B C OIL CO	RALEY	AUX VASES	29-7S-5E	75*	295*	5.9*	53*	75*	285*
1556	JOE A. DULL	DALE W WF	AUX VASES	6-7S-5E	40*	501	2.9*	49	40*	169
*1564	DUNCAN LSE+ROY	KNIGHT	AUX VASES	9-6S-6E		935		28		
*1520	FARRAR OIL CO.	TEDFORD	AUX VASES	26-5S-6E		436		138		
*1525	FARRAR OIL CO.	TEDFORD	BETHEL	26-5S-6E		62				
1566	FARRAR OIL CO.	NW RURAL HILL U	AUX VASES	21-6S-5E	237	843	11.6	295	26	114
*1547	T. W. GEORGE EST.	CANTRELL S. UNIT	AUX VASES	7,18-7S-5E		3259		512		1640
1526	HERMAN GRAHAM	J.H. STELLE	AUX VASES	27-5S-6E	25*	1698	1.9*	121	25*	1649
1528	HERMAN GRAHAM	DALE-HOODVILLE	AUX VASES	27-5S-6E	75*	5322	2.9*	226	75*	2302
1537	HERMAN GRAHAM	NELLIE PORTER	CYPRESS	34-5S-6E	10*	427	0.5*	15	10*	236
			BETHEL			2495+		255+		1820+
			AUX VASES							
*1510	GULF OIL CO	W RURAL HILL U	AUX VASES	11,14,15,22,23-6S-5E		10312		1405*		5499*
*1511	GULF OIL CO	W RURAL HILL U	OMAHA	11-6S-5E		695				
*1559	GULF OIL CO	M.E. PARKS 'B'	OMAHA	34-6S-5E		179		4		48
*1536	DAVID F. HERLEY	WEST END	AUX VASES	9-7S-5E		2262		283		680*
*1529	HUMBLE O AND R	DALE-HOODVILLE COOP	BETHEL	27-5S-6E		319				
*1501	INLAND PRODUCERS	N RURAL HILL U	AUX VASES	5,6,7,8-6S-6E		3372		293		1536
*1523	E. M. KAUFMAN	N. RURAL HILL U	AUX VASES	11,12-6S-5E		1900		119*		1018
*1524	E. M. KAUFMAN	S.E. RURAL HILL U	AUX VASES	18,19-6S-6E		2312		247*		1492
1549	E. M. KAUFMAN	SW RURAL HILL UNIT	AUX VASES	23-6S-5E	17	1795	1.0	152	17	1516

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	
	Depth (ft)	Net pay thick-ness (ft)	Poros-ity (%)	Perme-ability (md)	Oil grav-ity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow; Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
CLAY CITY C, CLAY, JASPER, RICHLAND, WAY (CONTINUED)												
*4110	3250	6.0	13.0	300				21	20	1900		
345	2900	15.0			37.8	07-64		1	5	20	PRODUCED (B)	*ESTIMATED
*1908	2941	5.0			41.0	11-58	01-70	1	1	40	CYPRESS, PROD (B)	
*1909	2954	6.0			40.4	11-58	10-65	1	1	40	CYPRESS, PROD (B)	
*1917	2810	6.0			40.0	08-64	12-66	1	1	60	CYPRESS, PROD (B)	
1921	2760	25.0	15.5	10	39.4	01-66		6	13	240	PRODUCED (B)	*ESTIMATED
	2855	5.0						4	10	260		
	3265	15.0						2	7	130		
*4096	3118	25.0			40.2	07-68	08-70	2	4	80	PURCHASED (B)	
COIL, WAYNE												
4077	2900	15.2	19.7			01-69		6	5	265	PENN SD, PROD (B)	
4100	2860	13.0	21.0	120		05-66		3	3	80	PENN SD, PROD (B)	
COIL W, JEFFERSON												
*2011	2700	10.0	19.0	160		01-61	10-63	5	4	95	PENN SD, PROD (B)	*INCL 2012
*2012	2880					01-61	02-63	1	2	30	PENN SD, PROD (B)	*INCL WITH 2011
2026	3000	8.0				06-69		3	7	160	PENN SD, PROD (B)	
CONCORD C, WHITE												
*4281	2279	11.0			36.4	09-59	01-72	3	2	60	PRODUCED (B)	
*4208	2950	12.0	21.1	218	35.1	10-52	10-62	2	2	40	GRAVEL, PENN SD (M)	
*4228	2980	17.0			37.5	06-53	01-56	3	8	140	GRAVEL BED (F)	
	3020	5.0						3	5	140		
*4309	2260	10.0	20.9	75	36.0	12-60	12-67	2	3	50	SH SD, PROD (M)	
	2890	11.0	20.9	75				1	1	20		
*4205	3003	16.0				01-55	01-59	1	3	30	SH SD (F)	
*4299	2260	15.0	16.0	175	37.0	08-60	07-67	8	8	160	SH SD, PROD (M)	
*4331	2890	21.0	20.0	75	37.5	01-61	10-67	3	4	50	SH SD, PROD (M)	
*4332	2600	12.0	16.0	135	36.5	10-61	01-72	6	3	130	SH SD, PROD (M)	
*4358	2900	15.0			37.3	03-62	01-72	2	1	20	PRODUCED (B)	
4206	2620	12.0			37.0	07-53		1	1	20	SH SD, PROD (M)	
	2890	13.0						5	2	80		
	2980	4.0						1	1	40		
	3020	9.0						1	2	40		
*4229	2960	15.0	15.0	50	36.0	08-53	11-57	1	3	40	SH SD, PROD (M)	
	3020	15.0						1	3	40		
4207	2620	21.0			37.0	07-51		1	2	20	SH SD, PROD (M)	*ESTIMATED
	2900	22.0						1	3	30		
	3040	5.0						1	2	100		
*4325	2500	12.0	17.5	300	39.0	11-61	01-71	9	9	313	GRAVEL, PROD (M)	
CONCORD E C, WHITE												
4233	2550	11.0	14.3	92	36.0	12-66	00-00	3	3	70	SH GRAV, PROD (M)	*ESTIMATED SINCE 1970 *SWD ONLY
COOKS MILLS C, COLES, DOUGLAS												
* 522	1778	5.0	11.3		37.0	04-63	01-65	1	3	60	SH SD (F)	
* 802	1777	12.0	16.0	41		04-63	01-65	2	2	40	SH SD, PROD (M)	
* 510	1800	12.0	17.5	195	38.0	04-62	12-68	5	6	50	SH SD, PROD (M)	
* 513	1800	12.0	17.5	195	38.0	04-62	11-68	3	1	20	SH SD, PROD (M)	
* 505	1800	12.0	17.0	250	36.0	01-61	01-68	8	24	320	RIVER, PROD (M)	
* 508	1780	10.0	13.5	160	39.0	11-61	12-72	4	6	400	PENN SD (B)	*ESTIMATED
CORDES, WASHINGTON												
4010	1270	12.0	20.0	250	37.0	09-65		4	9	150	PRODUCED (B)	*INCL PRIM PROD SINCE 9-65
4000	1230	14.0	20.0	250	37.2	08-50		16	21	640	PENN SD, PROD (B)	*1965, 1966 ESTIMATED
COVINGTON S, WAYNE												
*4120	3316	4.0				11-57	10-59	1	1	80	CYPRESS, PROD (B)	*NO WF OIL RECOVERED
CROSSVILLE W, WHITE												
*4404	3010	16.0				03-65	03-69	2	5	80	PRODUCED (B)	
	3190	6.0						1	1	30		
	3110	4.0						1	4	140		
DALE C, FRANKLIN, HAMILTON, SALINE												
*1309	3230	8.0	17.0	150	38.0	08-59	01-70	3	4	80	PENN SD, PROD (B)	
*1513	3150	15.0	17.0	150	39.0	01-59	01-70	4	2	120	CYPRESS, PROD (B)	*1966-67 DATA ONLY
*1534	3300	11.3	19.0	150	38.0	06-62	05-71	2	10	130	PENN SD, PROD (B)	*1965-67 DATA ONLY
*1544	3150	22.0	17.0	200	38.0	03-63	09-73	3	14	170	PENN SD, PROD (B)	*ESTIMATED
*1545	3250	22.0	17.0	200	38.0	04-63	03-68	5	9	150	PENN SD, PROD (B)	*1965-66 DATA ONLY
*1552	3250	14.0			37.0	04-65	06-69	3	7	110	PENN SD, PROD (B)	*THRU 1967 ONLY
*1553	3250	14.0			37.0	04-65	01-73	3	5	110	PENN SD, PROD (B)	*THRU 1967 ONLY
3622	3140	20.0	17.0	150	38.0	06-63		7	36	420	PENN SD, PROD (B)	*ESTIMATED
3620	3130	8.0				11-69		1	4	50	PRODUCED (B)	*ESTIMATED
1556	3260	10.0	18.0	85	38.0	12-65		1	3	80	PENN SD, PROD (B)	*ESTIMATED
*1564	3064	30.0				09-61	01-70	2	4	60	PRODUCED (B)	
*1520	3050	20.0				07-61	12-66	2	1	40	PURCHASED (B)	
*1525	2957	15.0				07-61	07-63	1	2	30	PURCHASED (B)	*INCL WITH 1520
1566	3200	27.0	17.0	100	38.5	08-69		2	8	110	PRODUCED (B)	
*1547	3125	20.0	20.5	122	39.4	09-60	12-68	11	9	220	PENN SD, PROD (B)	
1526	3034	11.0	14.0	120		08-61		2	2	60	PALESTINE, PROD (B)	*ESTIMATED
1528	3050	13.0	20.0	116	37.0	07-61		7	16	120	PALESTINE, PROD (B)	*ESTIMATED
1537	2730	12.0	18.0			5-68		4	3	80	PRODUCED (B)	*EST *INCL BETHEL, AUX VASES
	2900	20.0	16.0			8-62	9-68	4	3	80		
	3050	10.0	18.0			08-62		4	3	80		
*1510	3100	21.0	19.1	96	37.0	06-59	05-64	24	21	140	CYPRESS, PROD (B)	*INCL 1511
*1511	3173	19.0			40.4	06-59	05-64	2	1	20	PRODUCED (B)	*INCL WITH 1510
*1559	3350	14.0	15.0	35	38.0	08-65	05-67	2	4	60	SH SD (F)	
*1536	3250	18.0	20.0	340	40.0	12-62	11-68	7	7	120	PENN SD, PROD (B)	*ESTIMATED
*1529	2950	11.0	14.8	117	37.0	07-61	07-64	4	2	60	PENN SD, PROD (B)	*INCL WITH 1528
*1501	3125	14.7	23.9		39.0	02-52	04-59	7	6	310	CYPRESS (B)	
*1523	3150	15.0			38.0	01-61	12-67	5	5	140	CYPRESS, PROD (B)	*INCL PRIM PROD SINCE 1-61
*1524	3190	20.0			38.0	09-61	02-70	4	8	140	CYPRESS, PROD (B)	*INCL PRIM PROD SINCE 9-61
1549	3120	15.0			38.0	12-63		5	4	110	PENN SD, PROD (B)	

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
OALE C, FRANKLIN, HAMILTON, SALINE (CONTINUEO)										
1563	L V O CORPORATION	OODO-WILSON U	CYPRESS	6-6S-7E	1369	13834	41,3	1314	635	6286
			BETHEL							
			AUX VASES							
1557	MAC OIL COMPANY	BURNETT WF UNIT	AUX VASES	1-7S-5E	60	917	1,7	66	32	356
*1533	MARATHON OIL CO,	OGLESBY-GRISWOLO	AUX VASES	17-6S-6E		211		2		16
1561	MARATHON OIL CO,	8RILL UNIT	HARUINSBURG	6-6S-7E	751	7827	33,5	634	630	4121
			CYPRESS							
			BETHEL							
			AUX VASES							
1565	MARATHON OIL CO,	M,C, MOORE	AUX VASES	26,34,35-6S-5E	468	5195	13,0	250	228	1302
			OMARA							
*1543	MARION CORP	FRIEL	BETHEL	34-5S-6E		3064		255		1592
			AUX VASES							
1548	W, C, MCBRIOE	BENEFIEL-HUNT	AUX VASES	16,21-6S-7E	269	3028	9,4	211	261	1624
*1502	PHILLIPS PET, CO	CANTRELL U	AUX VASES	5,6,7-7S-5E		1814		161		1116
1568	POLLACK BROS,	AUA UIAL #2	OMARA	8-6S-6E	90*	264	8,3*	37	90*	90
1514	SHELL OIL CO,	RURAL HILL UNIT	AUX VASES	11,12,13,14,23,24-6S-	475	63390	20,4	4832	253	42428
			OMAHA	5E; 7,18-6S-6E						
			MCCLOSKY							
*1512	SHERMAN ORLG	RURAL HILL	AUX VASES	13,23,25-6S-5E		5700		674		4124
			OMAHA							
*1535	JOE SIMPKINS OIL	BARKER	AUX VASES	24-6S-5E		543		74		261
*1567	JOE SIMPKINS OIL	OALE COOP	AUX VASES	10,15,16-6S-5E		200		15		135
*1507	STEWART PRODUCERS	BILL JONES	AUX VASES	8-6S-6E		171		17		4
*1516	STEWART PROOUCERS	CRAOOOCK-ARMES	AUX VASES	19-6S-6E		203*		15*		96*
*1531	STEWART PROOUCERS	WILLIAMS HEIRS COOP	AUX VASES	9,10-6S-6E		272		4		130
*1539	STEWART PROOUCERS	FLANNIGAN U	AUX VASES	28,29-6S-5E		722		14		142
*1540	STEWART PROOUCERS	MUNGATE U	AUX VASES	28-6S-5E		506		27		116
*1541	STEWART PROOUCERS	BRUMIT U	AUX VASES	6,7-6S-6E	18	266	0,6	190		151
*1562	STEWART PROOUCERS	JONES 2	AUX VASES	18-6S-6E		291		93		105
*1504	TEXACO, INC,	WEST OALE UNIT	AUX VASES	11-6S-6E		6476		614		3334
*1508	TEXACO, INC,	MOOO-CAREY UNIT	AUX VASES	3-6S-6E		867				
*1509	TEXACO, INC,	MOOO-CAREY UNIT	BETHEL	3-6S-6E		1109		250*		1910*
*1538	TEXACO, INC,	VAUGHAN-BROCKETT COOP	AUX VASES	17,18-6S-6E		1237		82		728
1560	TEXACO, INC,	OALE UNIT	TAR SPRINGS	1,2,11,12,13-6S-6E;5,	2047	10832	476,5*	8764*	12856*	85290*
			HARUINSBURG	6,7,8,17,18,19-6S-7E		1268				
			CYPRESS		2266	18849				
			BETHEL		2847	30202				
			AUX VASES		8749	73292				
1542	UNION OIL CALIF,	OALE COOP	TAR SPRINGS	36-5S-6E,31-5S-7E,	1443	23223	64,2	1916	910	10357
			HAROINSBURG	6,7-6S-7E						
			CYPRESS							
			BETHEL							
			AUX VASES							
1503	PAUL ZIEGLAR	WEST ENO UNIT	AUX VASES	17-7S-5E	30	2496	2,1*	209	30	1304
				19,20-7S-5E						
OEERING CITY, FRANKLIN										
1319	FARRAR OIL CO,	PEABOUY COAL	AUX VASES	9-7S-3E	38	389	6,1	111*	38	309
OIVIOE C, JEFFERSON										
*2002	GULF OIL CO	W,O, HOLLOWAY	MCCLOSKY	21-1S-4E		2707		185		2294
2027	E MOHER JAHN	MINOR UNIT	SPAR MTN	23-1S-3E	1*		21,0*	191		
2007	KIRBY PETROLEUM	PRITCHARO MRS	AUX VASES	20-1S-4E	37*	184	14,2*	51	12*	40
2015	KIRBY PETROLEUM	OELLA MCELRAVY	AUX VASES	17-1S-4E	40*	174	2,8*	22	30*	68
2021	TEXACO, INC,	WEST OIVIOE UNIT	MCCLOSKY	13,14,15,22,23,	2437	19331	74,1	1187	1717*	13936*
				26-1S-3E						
2022	TEXACO, INC,	WEST OIVIOE UNIT	SPAR MTN	13,14,22,23-1S-3E	122	2278				
OUBOIS C, WASHINGTON										
4007	N, A, BALORIOGE	KAMINSKY	CYPRESS	7,8,17-3S-1W	170*	830	11,4*	109	150*	500
4006	E, E, FLIPPIN	KLAYBOR	CYPRESS	17-3S-1W	65*	624*	6,8*	94*	65*	582*
4001	HARRY MABRY	O O PECK	CYPRESS	20-3S-1W	20*	251	1,4*	6	20*	72
*4003	HARRY MABRY	PEEK	CYPRESS	20-3S-1W		68		16		5
OUOLEY, EOGAR										
900	BARR-MOHAN-ROBSN	BABER LSE	PENN	9-13N-13W	145*	565	54,9*	219	145*	565
903	BARR-MOHAN-ROBSN	BABER LSE #2	PENN	9-13N-13W	65*	108	8,2*	17	65*	108
901	CARO OIL & GAS	ZITA MUKILL	OUOLEY	3-13N-13W	13*	260	5,3*	42	13*	135
904	JUOITH NEUMAN	STEIOL	PENN	3-13N-13W	40*	360*	3,0*	23*+	40*	360*
902	OUIS PATILLO	A STAUB LSE	OUOLEY	4-13N-13W	30*	190	10,0*	60	30*	190
EOINBURG W, CHRISTIAN, SANGAMON										
103	OON MANKS	EOINBURG W U	SILURIAN	8,16,17-14N-3W	5	1041	2,2	117	5	674
ELOORAOO C, SALINE										
*3614	BUFAY OIL CO	SPRICH-LORCH	WALTERSBURG	35-8S-6E		137		24		
3610	MAR-KEN OIL CO,	SOUTHWEST U	WALTERSBURG	20,21-8S-7E	98	6703	6,4	663	213	2897
3611	MAR-KEN OIL CO,	CENTRAL U	WALTERSBURG	15,16,21-8S-7E	1389	17057	63,4	1785	958	6550
3621	MAR-KEN OIL CO,	WEST UNIT	PALESTINE	20-8S-7E	741	948	5,3	9	23	36
			BETHEL							
			AUX VASES							
*3603	FRANK KING	ENUICOTT U	WALTERSBURG	2-8S-7E		221		21		42
3608	W, C, MCBRIOE	WALT, ELOORAOO NE U	WALTERSBURG	10,11,15-8S-7E	629	16282	22,9	1516*	636	6478
*3609	W, C, MCBRIOE	CYP, ELOORAOO NE UNIT	CYPRESS	10,15-8S-7E		633		58		127
3612	MISTY OIL CO	VICTOR SUTTNER C	AUX VASES	7-8S-7E	80*	673	5,5*	51	40*	189
3624	EO RUST	ELOORAOO NW	WALTERSBURG	9,16,17-8S-7E	123*	123*	3,3*	12*		
			AUX VASES							
3600	SHAKESPEARE OIL	NW ELDORAOO U	TAR SPRINGS	8-8S-7E	132	661	10,6	29	38	74
			HARDINSBURG							
			AUX VASES							
ELOORAOO E, SALINE										
*3607	G, L, REASOR OIL	PORTER	AUX VASES	23-8S-7E		373		35		41

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source SD = Sand, GRAV = Gravel, PROD = Produced, SH = Shallow; Type (F) = Fresh, (B) = Brine, (M) = Mixed	
DALE C, FRANKLIN, HAMILTON, SALINE (CONTINUED)												
1563	2710	20.0			37.0	01-65		6	5	200	HARDINSBURG, PROD (B)	
	2875	15.0						5	5	200		
	2950	20.0						5	5	200		
1557	3215	20.0	16.0	65	38.0	03-62		1	3	40	PENN SD, PROD (B)	
*1533	3250	16.0	18.0	80		06-62	12-66	1	1	10	PENN SD, PROD (B)	
1561	2750	4.0				01-65		7	1	10	CYPRESS, PROD (B)	
	3000	20.0						4	4	130		
	3130	20.0						4	4	130		
	3210	15.0						4	4	130		
1565	3315	15.0	18.0	100		06-65		6	7	200	CYPRESS WSW, PROD (B)	
	3350	10.0	14.0	40				1	1	40		
*1543	2940	23.0	15.0	150	39.5	09-62	05-69	1	3	130	PALESTINE, PROD (B)	
	3050	16.0	17.0	100				2	3	130		
1548	3080	15.0	17.0	78		11-63		6	9	130	PENN SD, PROD (B)	
*1502	3200	15.0	18.0	75	38.0	08-55	10-62	3	5	50	PENN, PROD (B)	
1568	3102	14.0			37.5	07-70		1	2	30	PRODUCED (B)	*ESTIMATED
1514	3120	20.9	19.0	96	39.4	09-58		11	17	1890	HARD, CYP, PROD (B)	
	3195	10.1	15.0	73				17	27	794		
	3300	12.4	17.0	75				9	13	390		
*1512	3108	17.5	19.1	97	38.0	05-59	12-70	11	11	211	PURCHASED, PROD (B)	*ESTIMATED
	3192	8.5						1	4	50		
*1535	3200	20.0	19.1	97	38.0	11-62	03-67	2	2	40	GRAVEL BED (F)	
*1567	3170	3.0				08-70	12-71	16	30	520	PENN SD (B)	*INJ TERMINATED 12-71
*1507	3088	22.0				08-58	07-61	1	2	40	CYPRESS (B)	
*1516	3120	20.0	12.0	90	37.0	09-60	03-69	1	1	30	PURCHASED (B)	*NO DATA 1969
*1531	3090	20.0	12.0	90	37.0	07-61	12-65	2	2	40	MCCLOSKY (B)	
*1539	3240	20.0	12.0	90	37.0	09-62	06-67	2	4	80	PENN SD, PROD (B)	
*1540	3244	20.0	12.0	90	37.0	12-62	06-67	2	4	60	PENN SD, PROD (B)	
*1541	3180	20.0	12.0	90	37.0	10-59	12-71	1	4	50	CYPRESS SD, PROD (B)	
*1562	3166	20.0	12.0	90	37.0	11-62	01-72	1	2	40	PURCHASED (B)	
*1504	3050	14.0	17.0	125	38.0	07-51	09-67	3	6	295	PENN SD, PROD (B)	
*1508	3050	26.0	19.0	109	37.0	06-58	12-68	3	5	140	HARDINSBURG, PROD (B)	*INCL WITH 1509
*1509	2950	26.0	17.5	126	37.0	06-58	12-68	3	5	140	HARDINSBURG, PROD (B)	*INCL 1508
*1538	3150	18.0	21.4	149	38.8	03-62	11-68	5	5	140	PENN SD, PROD (B)	
1560	2400	18.5	18.0	52	36.0	07-65	00-00	14	14	497	PENN SD, PROD (B)	*INCL ALL PAYS
	2475	8.5				01-65	07-71	3	4	328		
	2680	13.3	15.3	109	36.0	01-65		33	33	2399		
	2900	18.0	13.0	22	36.0	01-65		48	56	3040		
	2980	16.5	17.3	66	37.0	01-65		60	58	3192		
1542	2320	15.0	18.0	150		06-63		12	11	20	PENN SD, PROD (B)	
	2500	16.0						3	4	70		
	2700	15.0						13	19	400		
	2920	22.0						12	15	444		
	3020	25.0						8	10	200		
1503	3150	15.0	18.0	75	37.0	01-56		1	4	65	PRODUCED (B)	*ESTIMATED
DEERING CITY, FRANKLIN												
1319	2800	15.0			38.2	07-61		1	4	50	PRODUCED (B)	*INCL PRIM PROD
DIVIDE C, JEFFERSON												
*2002	2805	6.9	18.0		36.6	05-55	09-65	1	5	60	PRODUCED (B)	
2027	2680	12.0				10-65		1*	6	60		*ADJACENT TO ACTIVE WF *EST
2007	2612	8.0				08-69		1	2	30	CYPRESS (B)	*ESTIMATED
2015	2658	20.0			37.8	08-69		1	3	40	CYPRESS (B)	*ESTIMATED
2021	2750	13.0	13.8	1033	37.0	11-64		17	16	1245	PENN SD, PROD (B)	*INCL 2022
2022	2710	6.0	13.0	67	37.0	11-64		1	7	1245	PENN SD, PROD (B)	*INCL WITH 2021
DUBOIS C, WASHINGTON												
4007	1250	9.5				01-63		6	16	250	PRODUCED (B)	*ESTIMATED
4006	1250	10.0			37.0	10-61		2	8	40	BENOIST, PROD (B)	*ESTIMATED 1965-73
4001	1260	10.0				11-68		1	4	50	PRODUCED (B)	*ESTIMATED
*4003	1232	12.0			37.0	12-59	08-64	1	2	40	TAR SPR, PROD (B)	
DUDLEY, EDGAR												
900	420	18.0	20.0	30	28.3	08-67		3	15	100	PRODUCED (B)	*ESTIMATED
903	410	12.0	20.0	30	29.0	02-72		1	8	80	PRODUCED (B)	*ESTIMATED
901	410	30.0				03-67		1	3	40	PRODUCED (B)	*ESTIMATED
904	420	15.0				05-67		1	4	40	PRODUCED (B)	*EST *INCL PRIM PROD
902	400	25.0				03-67		1	7	70		*ESTIMATED
EDINBURG W, CHRISTIAN, SANGAMON												
103	1700	15.0			8.0	11-61		5	20	230	PRODUCED (B)	*INCL PRIM PROD SINCE 10-54
ELDORADO C, SALINE												
*3614	2050	11.0	15.0	150	38.0	09-64	12-68	1	1	10	PALESTINE SD (B)	
3610	2130	16.0	17.0	225	38.0	05-63		3	4	100	PENN SD, PROD (B)	
3611	2150	20.0	17.0	225	38.0	05-63		5	4	220	PENN SD, PROD (B)	
3621	1900	15.0	17.0			2-72		4	6	100	PENN SD,PROD (B)	
	2700	5.0	11.0					1	1	20		
	2900	10.0	15.0		32.6			3	4	100		
*3603	2090	7.0	13.0	100		04-59	10-63	1	4	60	PENN SD (B)	
3608	2200	22.0	19.0	200	38.0	08-63		6	7	540	PENN SD, PROD (B)	*SINCE 11-62
*3609	2560	12.0	18.0	80	38.0	12-62	08-68	2	3	90	PENN SD, PROD (B)	
3612	2922	8.0			35.4	09-63		1	2	40	PENN SD (B)	S.D.4-65,REACTIVATED 7-66*EST
3624	2330	15.0				06-71		4	5	100		
	2900	12.0						3	3	100		
3600	2200	10.0			36.9	05-70		1	1	30	PENN SD (B)	
	2314	8.0						2	2	40		
	2900	7.0						3	4	80		
ELDORADO E, SALINE												
*3607	2900	7.0			37.0	01-61	12-65	5	6	150	PALESTINE SAND (B)	

TABLE 11 - WATERFLOOD OPERATIONS

Field, County	General information				Production and injection statistics (M bbls)					
Project no. * = ABD. + = P. M.					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
ELLERY E, EDWARDS										
*1007	T. E. CROSLEY	ELLERY EAST UNIT	AUX VASES	27,34-2S-10E		1639*+		433*+		887*+
*1019	T. E. CROSLEY	ELLERY E U	OHARA	27,34-2S-10E		1673*				
ELLIOTSTOWN N, EFFINGHAM										
*1101	VIRGIL STREETER	N ELLIOTTSTOWN	MCCLOSKY	17,20-7N-7E		529		99		263
ENERGY, WILLIAMSON										
4502	A. B. VAUGHN	ENERGY WF	AUX VASES	3,4-9S-2E	86	147	17,5	40	45	67
ENFIELD, WHITE										
*4209	RICHARD ELSIE	S ENFIELD U 2	MCCLOSKY	28,29,32-5S-8E		1127		92		845
*4264	RICHARD ELSIE	S ENFIELD U 1	AUX VASES	28,29,32-5S-8E		2288		360*		519
*4292	RICHARD ELSIE	S ENFIELD U 3	OHARA	28,29,32-5S-8E		363		99*		259
EXCHANGE E, MARION										
*2630	FARRAR OIL CO.	EXCHANGE EAST UNIT	SPAR MTN MCCLOSKY	29-1N-4E		348		51		104
EXCHANGE N C, MARION										
2635	EGO OIL CO	SLAPOUT WF	MCCLOSKY	7-1N-4E,12,13-1N-3E	315	1459	52,7	411	151	479
EXCHANGE W, MARION										
2628	STONE OIL CO	CHARLETON FLOOD	SPAR MTN	4-1N-3E	93	619	4,0	106	11	212
FAIRMAN, CLINTON, MARION										
413	OMER M. DOLE	DUCOMB-KREITLER	BENOIST	13,24-3N-1W		1476*		251*		1476
FLORA S, CLAY										
* 331	GENERAL AMERICAN	GIVEN-MCGREW U	MCCLOSKY	4-2N-6E		70		4*		7
FRIENDSVILLE N, WABASH										
*3998	DAYTON LOEFFLER	FRIENDSVILLE NORTH U	BIEHL	12-1N-13W		379		99		99
*3945	MOBIL OIL CORP.	LITHERLAND	BIEHL	1,2-1N-13W		623		142*		282
*3953	J. W. SANDERS	FRIENDSVILLE N U	BIEHL	1-1N-13W	*	*		7		
FROGTOWN N, CLINTON										
409	ELMER OELZE	SCHROEDER	SILURIAN	31-3N-3W			12,2	37		
GARD'S POINT, WABASH										
3853	BELL BROTHERS	TALLEY	OHARA	23-1N-14W			5,4*	19		
3852	WALKER DRLG CO.	GARDS POINT UNIT	OHARA	23,26-1N-14W	250*	400	21,8*	30	100*	175
GERMANTOWN E, CLINTON										
+ 406	NAT. GAS PIPELINE	GERMANTOWN	SILURIAN	36-2N-4W, 1-1N-4W	200*	3768*	9,8*	1163*	200*	3818*
GILA, JASPER										
*1916	SCHAEFER OIL CO.	GILA	SPAR MTN	28,32,33-8N-9E		3194		418		1760
GOLDENGATE C, EDWARDS, WAYNE, WHITE										
*4412	AMERICAN PUMP	POLLARD UNIT	AUX VASES	21,22,27,28-3S-9E		2174		109		1085
*4124	CITIES SERVICE	KLETZKER U	AUX VASES	4-3S-9E		102		1		10
*4128	CITIES SERVICE	GOLDENGATE U	MCCLOSKY	28,32,33-2S-9E		926		7		281
*4155	CULLUM OIL CO.	PETTIGREW-PIERCY UNIT	AUX VASES	24-2S-9E		262		14		122
*4154	ALVA C. DAVIS	BUNNAGE-WOODS U	AUX VASES	13,24-2S-9E		631*		95*		130*
*4145	DUNCAN LSE+ROY	SCOTTSVILLE	BETHEL	23,26-2S-9E		751		254		
4139	FAIRFIELD OIL CO	POND CREEK WF UNIT	AUX VASES	29,30,31,32-2S-9E	180	7995	13,0	553	180	2017
*4374	GULF OIL CO	GOLDENGATE UNIT	AUX VASES SPAR MTN MCCLOSKY	34,35-3S-9E, 3-4S-9E		7279		656		3689
*1027	ILL. LSE. OP.	CHALCRAFT-HORN	AUX VASES	20-2S-10E		79		14		5
4083	ILL. MID-CONT.	SOUTH ELLERY UNIT	AUX VASES	24,25-2S-9E	440*	3025	40,2*	223	175*	1268
			SPAR MTN MCCLOSKY	19,30-2S-10E						
4123	HERMAN LOEB	GOLDENGATE UNIT	AUX VASES	32,33-2S-9E	10+	298	0,8*	52	7*	45
			OHARA		23*	1470*	3,0*	199*	20*	610*
*4378	MARCH DRLG. CO.	GOLDENGATE	AUX VASES	3-4S-9E		109		27		107
4148	POOL OIL CO.	W.ELLERY	AUX VASES	15,22,23,27-2S-9E		2546	4,8*	429*	80*	1234*
			OHARA		80*	2746*				
			SPAR MTN			268*				
*4138	SKILES OIL CORP.	O'DANIEL U	BETHEL	26-2S-9E		215		26		24
*4377	TEXACO, INC.	J. HANCOCK COOP	AUX VASES	21-3S-9E		680		25		275
*4189	M. J. WILLIAMS	GOLDENGATE EAST UNIT	BETHEL	25,26-2S-9E		163*		30*		104*
			AUX VASES			163				
GOLDENGATE N C WAYNE										
4066	NOAH PET	GOLDENGATE NORTH UNIT	AUX VASES	17-2S-9E	150*	460	19,3*	56	90*	190
HALF MOON, WAYNE										
4168	COLLINS BROS.	HALF MOON UNIT	MCCLOSKY	28-1S-9E	210*	4884	4,0*	176	210*	2155
4160	ALVA C. DAVIS	HALF MOON U	OHARA	26,34,35-1S-9E	481	6303	29,2	663	228	2164
HARCO, SALINE										
3619	COLLINS BROS.	HARCO U	AUX VASES	16-8S-5E	550+	1739*	29,4*	137*	290+	747*
3613	LOBREE CORP.	HARCO WEST POOL UNIT	AUX VASES	29-8S-5E	29	627	3,4	59		
HARCO E, SALINE										
*3601	SUN OIL CO.	HARCO WF UNIT	CYPRESS	25-8S-5E		84		3		37
*3602	SUN OIL CO.	HARCO WFPU	AUX VASES	24,25,26-8S-5E		334		30		112
HARRISBURG, SALINE										
*3606	W. C. MCBRIDE	HARRISBURG NORTH	WALTERSBURG	34-8S-6E		1597		16		136
HERALD C, GALLATIN, WHITE										
*1419	ASHLAND O AND R	SOUTH NEW HAVEN UNIT	TAR SPRINGS	29,30-7S-10E		1538		229		707
4210	C. E. BREHM	HERALD W. U.	WALTERSBURG	28,33-6S-9E	175	2830	27,4	685		312*
*4304	C. E. BREHM	NEW HAVEN U	AUX VASES	18-7S-10E		88		19		

Field, County Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-73 Date first inj.	Date abd.	No. of wells Inj.	Prod.	Acres under inj.	Injection water Source SD = Sand, GRAV = Gravel, PROD = Produced, SH = Shallow Type (F) = Fresh, (B) = Brine, (M) = Mixed	Remarks
ELLERY E, EDWARDS												
*1007	3170	10.0	17.7	26		12-57	06-67	3	3	70	SH SD, PROD (M)	*NO DATA 1966-67 +INCL 1019
*1019	3240	6.0				12-57	06-67	1	3	300	SH SD (F)	*NO DATA 1966-67 +INCL WITH 1007
ELLIOTSTOWN N, EFFINGHAM												
*1101	2700	6.0				12-66	12-72	2	10	180	TAR SPR, PROD (B)	*ESTIMATED 1968-72
ENERGY, WILLIAMSON												
4502	2354	20.0			40.0	10-71		1	9	130	PRODUCED (B)	
ENFIELD, WHITE												
*4209	2945	4.6			36.6	10-56	03-68	2	1	80	SH SD, PROD (M)	
*4264	2810	8.4	21.5	142	36.0	02-54	03-68	3	3	220	PRODUCED (B)	*INCL PRIM PROD
*4292	2874	5.0			37.5	08-56	10-65	1	1	80	PRODUCED (B)	*INCL PRIM PROD SINCE 8-56
EXCHANGE E, MARION												
*2630	2775	10.0				05-66	07-70	1	2	80	CYPRESS	
	2850	5.0						1	3	80		
EXCHANGE N C, MARION												
2635	2709	15.0	11.7	200	36.2	11-66		4	9	280	WELL (B)	
EXCHANGE W, MARION												
2628	2572	12.0				11-66		2	10	120	PRODUCED (B)	
FAIRMAN, CLINTON, MARION												
413	1450	8.0	21.0	357	38.0	03-59		1	4	50	PRODUCED (B)	*EST 1964-70, NO DATA 1971-73
FLORA S, CLAY												
* 331	2992	12.0				10-59	05-61	1	1	40	SH SD, PROD (M)	*ESTIMATED
FRIENDSVILLE N, WABASH												
*3998	1650	10.0	15.0	35	33.0	05-62	01-71	4	3	60	SH SD (F)	
*3945	1620	12.5	16.0	81	35.6	07-47	09-57	2	3	60	SH SD (F)	*INC PRIM PROD
*3953	1631	10.0			36.6	08-57	12-61	1*	2	40	SH SD (F)	*DUMP FLOOD, NA, EST
FROGTOWN N, CLINTON												
409	2240	18.0				03-68		3	8	140	PRODUCED (B)	*SWD, NO INJ DATA
GARD'S POINT, WABASH												
3853	2860	10.0				06-71			3	60		*ADJACENT TO ACTIVE WF +EST
3852	2880	8.0				06-71		2	8	160	PRODUCED(B)	*ESTIMATED
GERMANTOWN E, CLINTON												
+ 406	2300	60.0			39.4	09-56		2*	13*	300	PRODUCED (B)	*ESTIMATED
GILA, JASPER												
*1916	2835	6.9	12.5	276	39.0	09-63	09-70	4	17	437	GRAVEL, PROD (M)	
GOLDENGATE C, EDWARDS, WAYNE, WHITE												
*4412	3250	12.5	21.0	100	37.4	01-63	04-73	5	6	170	PENN SD, PROD (B)	
*4124	3242	10.0	15.0	10		08-56	10-58	1	2	30	CYPRESS, PROD (B)	
*4128	3308	8.0			34.0	10-53	07-57	2	8	159	GRAVEL BED (F)	
*4155	3270	11.0			39.5	11-62	01-71	2	4	60	PENN SD, PROD (B)	*ESTIMATED 1967-70
*4154	3250	14.0			39.3	05-62	12-70	5	4	90	PRODUCED (B)	*INCL DROPPED PROJ 3600
*4145	3100	9.0			39.8	01-59	01-64	8	7	130	SH SD, PROD (M)	
4139	3220	20.0	15.0	150	38.5	05-60		2	6	600	SH SD, PROD (M)	
*4374	3300	15.0	18.0	101	38.9	03-63	04-67	29	10	560	PENN SD, PROD (M)	
	3400	12.0	13.0	184				25	12	560		
	3458	10.0	10.0	102				19	10	560		
*1027	3222	8.0	22.3			12-62	04-65	1	3	40	PENN SD (B)	
4083	3260	13.5	15.0	8	39.5	09-71		3	4	120		*ESTIMATED
	3370	7.0	12.5	55	39.5	01-66		2	4	140	PENN SD, PROD (B)	
	3395	6.5	12.5	350				2	4	140		
4123	3200	12.0	16.0	100	38.0	09-65		3	1	40	GRAVEL BED (F)	*INCL OMAHA, SPAR MTN +EST
	3260	9.0	15.0	30	36.0	08-56		3	2	70		
*4378	3310	21.0	16.5	51	39.5	05-63	12-65	1	1	20	PENN SD, PROD (B)	
4148	3240	10.0				09-61	06-70	4	6	80	SH GRAVEL (F)	*ESTIMATED INCL DROPPED PROJ 4149,4150
	3270	15.0				09-61		4	9	400		
	3310	9.0				09-61	05-70	1	2	60		
*4138	3097	10.0			37.0	01-59	06-63	2	2	40	SH SD, PROD (M)	
*4377	3240	15.0				01-63	12-66	2	2	40	PENN SD, PROD (B)	
*4189	3080	10.0			39.0	07-65	06-71	1	2	30	PENN SD (B)	*EST 1966-70; NO DATA 1971
	3206	17.0						1	4	60		
GOLDENGATE N C WAYNE												
4066	3250	15.0				07-71		4	6	100	PRODUCED (B)	*ESTIMATED
HALF MOON, WAYNE												
4168	3300	10.0			40.4	12-62		6	9	470	GRAV BED, PROD (M)	*ESTIMATED
4160	3280	10.0	11.0	124	40.0	01-62		7	10	600	SH SD (F)	
HARCO, SALINE												
3619	2900	15.0				10-69		5	15	160	PRODUCED (B)	*INCL DROPPED PROJ 3600 +EST
3613	2900	5.2	17.8	39	40.0	10-65		3	1	70	CYPRESS, PROD (B)	
HARCO E, SALINE												
*3601	2550	9.0				07-59	08-61	1	2	30	PENN SD, PROD (B)	
*3602	2850	8.0				07-59	09-62	2	9	80	PENN SD, PROD (B)	
HARRISBURG, SALINE												
*3606	2020	10.0	18.0	140	38.4	07-58	11-68	3	5	80	PENN SD, PROD (B)	
HERALD C, GALLATIN, WHITE												
*1419	2150	14.0	16.5	400	35.8	12-61	03-70	5	3	92	GRAV BED, PROD (M)	
4210	2325	20.0	20.0	50	37.0	01-55		7	12	200	PENN SD (B)	*THRU 1967 ONLY
*4304	2900	15.0	15.0	100	38.0	02-60	12-65	3	3	80	RIVER (F)	

Field, County Project no. * = ABD. + = P. M.	General information Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls) Water injection Total 1973	Water injection Cum. 12-31-73	Oil production Total 1973	Oil production Cum. 12-31-73	Water production Total 1973	Water production Cum. 12-31-73
HERALD C, GALLATIN, WHITE (CONTINUED)										
1444	COLLINS BROS.	HERALD E UNIT	TAR SPRINGS AUX VASES	23,24,25,26-7S-9E	240*	1010	18.1*	102	70*	147
*1405	CONTINENTAL OIL	COTTONWOOD N U	CYPRESS	21,28-7S-9E		5613		1045*		2114
*1431	CONTINENTAL OIL	COTTONWOOD TAR SPR	TAR SPRINGS	6-7S-9E		179		30		45
1433	JOE A. DULL	GLOVER	AUX VASES	24-7S-9E	4*	175	1.4*	26	4*	57
*4340	IND. FARM BUR.	NEW HAVEN WF	AUX VASES	17,18-7S-10E		786		79		14*
4400	PAUL S. KNIGHT	HARRELL-KNIGHT-WILLMS	TAR SPRINGS	14-7S-9E	400*	594	23.6*	128	400*	527
4360	L V O CORPORATION	BAYLEY U	OAGLEY CLORE TAR SPRINGS CYPRESS AUX VASES	11-7S-9E	441	6468	20.2	295	88	2910
4365	L V O CORPORATION	HERALD COOP	AUX VASES	10-7S-9E	1*	1361	2.0	121	12	870
*4359	LIVINGSTON OIL	CALVERT 'A'	AUX VASES	4-7S-10E		31				
1430	HERMAN LOEB	HERALD E U	AUX VASES	24-7S-9E	37*	1474	1.0*	150	37*	338
4291	W. C. MCBRIDE	BAYLEY	PENN CYPRESS	3-7S-9E	49	343	4.3	22	42	86
*4212	Q. B. MITCHELL	BAYLEY U	CYPRESS	2-7S-9E		491		21		35
*4211	DENNIS PAINE	ACKERMAN UNIT	AUX VASES	4-7S-10E		462		63		
4382	BERNARD PODOLSKY	BAYLEY UNIT	WALTERSBURG	13-7S-9E 24-7S-9E	53	1157	1.5	200	71	503
4383	BERNARD PODOLSKY	GRANT AUX VASES UNIT	AUX VASES	13-7S-9E	26	395	3.8	57	19	147
4389	BERNARD PODOLSKY	CLARK UNIT	AUX VASES	4,5,8,9-7S-10E	104	1196	8.6	93	51	292
4428	BERNARD PODOLSKY	L.O.AUSTIN	WALTERSBURG	28-6S-9E			6.4*	91*	60*	450*
4427	SANDS OIL CO.	HERALD NW UNIT	WALTERSBURG	27,28-6S-9E	122*	250*	16.4*	59*	122*	250*
4348	SHAKESPEARE OIL	QUESTELL COOP	OAGLEY	11-7S-9E	38	456	5.0	118*	11	78
4355	DON W. SLATER	HERALD U	CYPRESS	27,33,34-6S-9E, 4-7S-9E	50*	5296	5.9*	727	50*	1889
*4364	TAMARACK PET.	HERALD U	PENN	34-6S-9E;2-7S-9E		343		17		17
HICKORY HILL, MARION										
*2625	EAGLE SUPPLY CO	HALFACRE	BENOIST	27-1N-4E		114		17		131
HILL E, EFFINGHAM										
*1105	WICHITA RIVER	HILL EAST UNIT	CYPRESS	11,12,13,14-6N-6E		3185		154		1100
HORD, CLAY										
351	JET OIL CO.	CONNERLY C	AUX VASES SPAR MTN	14-5N-6E	11	170	0.4	30	11	112
HORD S C, CLAY										
* 332	SHIRK, WEBSTER	SOUTH HORD UNIT	SPAR MTN	26,27,34,35-5N-6E		8908		748		6707
* 337	SHIRK, WEBSTER	ZINK UNIT	SPAR MTN	26,35-5N-6E		1571		77		462
INA, JEFFERSON										
*2008	KEWANEE OIL CO.	JEFF-KARBER-THREL M	RENAULT	23-4S-2E		2317		238		2535
			MCCLOSKY			1130				
INGRAHAM, CLAY										
* 320	HUMBLE O AND R	INGRAHAM U	SPAR MTN	4,9-4N-8E		2568		810		1543
INMAN E C, GALLATIN										
1436	AUTUMN OIL CO	EGLI	TAR SPRINGS	20,21,28,29-7S-10E	30*	849	0.6*+	269*	30*+	826*
			CYPRESS			1106				
*1422	CRAWFORD PROD	BLACK	WALTERSBURG	2-8S-10E		682		115		186
*1409	FARRAR OIL CO.	E INMAN	TAR SPRINGS CYPRESS	33,34-7S-10E,2,3,10- 8S-10E		24228*		3550*		
*1406	HUMBLE O AND R	BIG BARN	CYPRESS	11-8S-10E		226		83		27
1408	MID-STATES OIL PROP	WEST UNIT	PALESTINE WALTERSBURG TAR SPRINGS HARDINSBURG CYPRESS	9,10,15,16,21, 22-8S-10E	150*	27749	10.6*	3296	150*	8731
*1420	JOE SIMPKINS OIL	HAVEN	AUX VASES	28,32-7S-10E		182		2		
*1426	E. G. WELKER	EGYPTIAN TIE, TIMBER	WALTERSBURG HARDINSBURG CYPRESS	21-8S-10E		515*		61*+		149*
1407	WESTERN EMPIRE	KERWIN-CRAWFORD	DEGONIA CLORE PALESTINE WALTERSBURG TAR SPRINGS CYPRESS MCCLOSKY	11,14-8S-10E	180*	2180	15.5*	2110	180*	5274
1411	WESTERN EMPIRE	J A WILLIAMS	TAR SPRINGS	27-7S-10E	1*+	170	1.5*	16	50*	198
1429	WESTERN EMPIRE	SOUTH INMAN UNIT	WALTERSBURG CYPRESS	21,22-8S-10E	1*+	2460	1.1*	130	30*	1322
INMAN W C, GALLATIN										
1410	ASHLAND O AND R	RISTER-MOYE U	TAR SPRINGS CYPRESS	15-8S-9E	47	722	5.0	94*	27	165
1440	ASHLAND O AND R	WEST INMAN U*	TAR SPRINGS HARDINSBURG CYPRESS	11,12,14-8S-9E	344	1958	30.1	262	174	737
1428	T. L. CLARK	HISH-STRAUB UNIT	BIEHL	21-8S-9E		32*		19*		42*
1438	ALVA C. DAVIS	RIDGWAY E U	CYPRESS	14,22,23,27-8S-9E	187	1181	15.1	173	99	513
1442	FARRAR OIL CO.	POND U	CYPRESS AUX VASES	26,27-8S-9E	166	883	31.0	143	119	338
1400	T. A. FERRALL	GOEBEL-MC GUIRE-RIDER	AUX VASES	19-8S-10E				46*		
*1402	GULF OIL CO	INMAN W U	CYPRESS	15,16-8S-9E		2890*		425*		499*
*1403	GULF OIL CO	INMAN WU	TAR SPRINGS	15,16-8S-9E						
1424	OIL MANAGEMENT INC	DRONE-RIDER-MINER	CYPRESS	27-8S-9E	3	315	3.0	42	4	79
1450	DENNIS PAINE	WILLIAMS	HARDINSBURG CYPRESS	12-8S-9E	1*		3.5*	29		
*1404	PHILLIPS PET. CO	LEVERT	CYPRESS	3-8S-9E		8				
*1415	REBSTOCK OIL CO.	INMAN W	TAR SPRINGS	13,24-8S-9E		1408		79		764
1427	REBSTOCK OIL CO.	SCHMITT 'A'	BUCHANAN	15-8S-9E	44*	2334*	3.4*	36*	44*	211*

Field, County Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-73 Date first inj.	Date abd.	No. of wells Inj.	Prod.	Acres under inj.	Injection water Source SD = Sand, GRAV = Gravel, PROD = Produced, SH = Shallow; Type (F) = Fresh, (B) = Brine, (M) = Mixed	Remarks
HERALD C, GALLATIN, WHITE (CONTINUED)												
1444	2315	10.0			39.0	08-69		1	3	40	CYPRESS (B)	*ESTIMATED
	2950	15.0						3	15	200		
*1405	2650	12.0	15.0	80		12-57	04-69	6	15	400	CLORE, PROD (B)	*INCL PRIM PROD SINCE 12-57
*1431	2260	15.0	12.0	30	37.8	10-63	12-68	1	1	40	CLORE, PROD (B)	
1433	2900	8.0	12.0	37	38.0	11-63		1	3	40	PENN SD, PROD (B)	*INJ PROD WATER SINCE 1-69 *EST
*4340	2870		14.0	10	35.3	02-60	12-67	4	3	250	SH SD, PROD (M)	*EST SINCE 1-62
4400	2260	11.0				10-70		2	6	80		*ESTIMATED
4360	1550	15.0	14.0	50		01-62		1	1	20	PENN SD, PROD (B)	
	2050	15.0						3	6	90		
	2280	10.0						4	5	90		
	2630	22.0						2	2	40		
	2880	14.0						7	9	190		
4365	2900	13.0	18.2	100	37.0	05-62		2	6	70	PENN SD, PROD (B)	*INJECTION DISCONTINUED
*4359	2920	12.0			36.8	05-62	07-64	1	1	20	SHALLOW WELL (F)	
1430	2900	10.0	17.0	150	38.0	08-63		5	2	135	PALESTINE, PROD (B)	*ESTIMATED
4291	1520	15.0	14.6	52		11-69		2	3	50	PENN SD, PROD (B)	
	2700	10.0						2	3	50		
*4212	2715	15.0	14.9	58	39.0	09-57	08-62	2	2	60	PALESTINE (B)	
*4211	2890	23.0				02-56	01-71	1	2	30	GRAVEL BED (F)	
4382	2300	8.9	20.0	200	38.5	01-63		2	2	60	PAL SD, PROD (B)	
4383	2930	9.7	19.0	100	34.8	08-63		2	4	100	PAL SD, PROD (B)	
4389	2890	8.0	18.0	75	36.0	10-64		8	6	155	RIVER GRAV, PROD (M)	
4428	2310	30.0				01-55			6	60		*ADJACENT TO ACTIVE WF;EST
4427	2320	12.0				01-71		2	4	60	PRODUCED (B)	*EST;ADJ.TO ACTIVE WF SINCE 1968
4348	1425	13.0	19.0	46	33.5	01-62		1	3	59	PENN SD, PROD (B)	*INCL PRIM PROD SINCE 1-62
4355	2675	11.4	16.2	52	38.0	06-62		20	20	420	PENN SD, PROD (B)	*ESTIMATED
*4364	1550	8.0	15.1	15		01-62	12-64	3	3	120	PENN SD, PROD (B)	
HICKORY MILL, MARION												
*2625	2640	10.0			36.0	10-65	01-72	1	1	20	PRODUCED (B)	
MILL E, EFFINGHAM												
*1105	2460	13.0	18.0	100	40.0	12-59	12-64	3	15	150	SH SD, PROD (M)	
HORD, CLAY												
351	2710	15.0				10-65		1	2	20	PRODUCED (B)	
	2780	10.0						1	1	30		
HORD S C, CLAY												
* 332	2790	8.6	15.0	862	36.1	09-58	06-70	3	12	340	RIVER, PROD (M)	
* 337	2790	5.2	15.8	835	38.0	08-62	06-70	6	4	250	RIVER, PROD (M)	
INA, JEFFERSON												
*2008	2640	10.0	22.0	96	37.0	12-60	12-69	3	3	120	PENN SD, PROD (B)	
	2770	8.0	13.0	25			12-69	4	3	140		
INGRAHAM, CLAY												
* 320	3000	5.1	14.2	2450	38.0	12-56	12-60	9	17	297	PENN SD, PROD (B)	
INMAN E C, GALLATIN												
1436	2175	12.0	18.5	325	36.8	04-64		3	4	110	SH SD, PROD (M)	*INCL BOTH PAYS *ESTIMATED
	2499	21.0	16.5	212				4	4	130		
*1422	1975	15.0			37.0	01-59	12-67	1	3	50	PRODUCED (B)	*1965-67 ESTIMATED
*1409	2150	14.0	17.5	150	37.7	03-54	12-64	33*	35*	700*	GRAVEL BED (F)	*INCL 1410,1411,1423,1424,1425
	2440	10.0	16.8	50	38.0			23*	24*	500*		
*1406	2400	5.9	16.5	58	38.0	04-54	12-66	3	1	30	SH SD, PROD (M)	
1408	1750	10.0	19.0	200	36.5	07-56		2	2	40	GRAVEL BED, PROD (M)	*ESTIMATED 1968-72
	1980	15.0			37.2			8	8	160		
	2160	18.0			36.8			5	5	100		
	2200	14.0			36.5			10	10	220		
	2380	24.0			34.4			38	36	750		
*1420	2770	9.0	12.4	8	39.0	11-60	07-62	4	4	80	SH GRAV (F)	
*1426	1986	13.0			36.0	01-59	12-68	1	2	30	SH SD, PROD (M)	*NO DATA 1967-68
	2206	13.0						1	2	30		
	2419	5.0						1	2	30		
1407	1700	7.5	18.0	100	37.5	06-55		2	3	50	SH SD, PROD (M)	NO INJECTION 1972
	1730	7.5						5	4	100		
	1830	8.5			37.2			6	8	140		
	1930	13.5			36.8			10	14	200		
	2030	17.0						17	20	340		
	2380	21.8			34.4			12	15	240		
								1	4	40		
1411	2102	14.0	16.0			07-66		1	2	30	PRODUCED (B)	*EST.1969-1974 *NO INJ 74
1429	2000	7.0	19.6	109	36.0	11-62		8	9	170	SH SD, PROD (M)	*ESTIMATED 1968-73 *NO INJ 73
	2380	15.0	16.6	89				2	4	60		
INMAN W C, GALLATIN												
1410	2180	10.0	17.0	80		06-61	01-69	2	3	50	GRAVEL BED (F)	*FIRST DATA 11-66
	2500	12.0	16.5	40				1	2	30		
1440	2185	10.0			36.0	05-65		11	11	140	SH SD (F)	*FORMERLY MAC OIL JONES NO 3
	2320	10.0						2	2	40		
	2516	10.0						10	9	190		
1428	1570	10.0	21.0	75	38.0	01-62		2	5	70	PRODUCED (B)	*TEMP ABD 1-64
1438	2502	7.0			36.8	11-65		7	8	100	SHALLOW WELL (F)	
1442	2480	7.0				09-68		2	5	80	GRAVEL BED (F)	
	2780	15.0						5	15	210		
1400	2740	20.0				07-58		1	5	10	UNKNOWN	*NO DATA SINCE 61; TEMP. ABD
*1402	2500	16.5	13.5	40	38.6	05-55	12-63	10	7	110	PENN SD, PROD (B)	*INCL 1403
*1403	2180	11.0	13.0		36.1	03-57	03-63	3	7	90	PENN SD, PROD (B)	*INCL WITH 1402
1424	2500	8.0				06-66		2	3	110	PENN SD, PROD (B)	
1450	2300	10.0				1-68		1*	1	20		*ADJACENT TO ACTIVE WF *EST
	2480	15.0						1*	2	30		
*1404	2560	6.0	18.0	100	35.0	05-57	06-59	1	1	20	PRODUCED (B)	
*1415	2122	10.0			36.0	04-56	12-70	4	4	69	SH SD, PROD (M)	
1427	1666	8.0				06-60		1	4	60	SH SD, PROD (M)	*ESTIMATED

TABLE 11 - WATERFLOOD OPERATIONS

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
INMAN W C, GALLATIN (CONTINUED)										
1401	SABER OIL CO	BRADLEY UNIT	BIEHL	17-8S-9E		512		169		217
1425	JOE SIMPKINS OIL	INMAN WEST UNIT	TAR SPRINGS	1,12-8S-9E,6,7-8S-10E	190*	2152	34,3*+	777	350*+	2021
			HARDINSBURG		120*	1086				
			CYPRESS		300*	3297				
1449	JOE SIMPKINS OIL	DOWNEN-SHORT-WILSON	AUX VASES	31-7S-10E;6-8S-10E	40*	40	1,9*	2	40*	40
1451	JOE SIMPKINS OIL	DOWNEN-MURPHY	AUX VASES	1,2-8S-9E	25*	100	0,7*	5	25*	100
1423	ZANETIS OIL PROP	SLATON	HARDINSBURG	11-8S-9E	30*	263	1,6*	24	30*	101
			CYPRESS							
IOLA C, CLAY, EFFINGHAM										
303	RHEA FLETCHER	IOLA COOP*	TAR SPRINGS	14,15-5N-5E	600+	18205	13,0+	130S	600+	1212S
			CYPRESS							
			BETHEL							
			BENOIST							
			AUX VASES							
1112	GETTY OIL CO	BURK ROYALTY U	BETHEL	27,34-6N-5E	796	3943	20,0	152	258	1350
			AUX VASES							
			STE GEN							
* 357	JARVIS BROS,	LIGGETT	AUX VASES	17-5N-5E		201*		31*		201*
1113	KARCHMER PIPE	ERVIN-ETCHASON	BETHEL	34,35-6N-5E	90*	590	6,9*	133	90*	590
			AUX VASES							
1110	L V O CORPORATION	S MASON U	BENOIST	26,27,34,35-6N-5E	806	5469	68,7	483	455	2329
			AUX VASES							
			SPAR MTN							
1111	L V O CORPORATION	KINGWOOD JARVIS U	BENOIST	34,35-6N-5E	1136	7019	39,5	457	778	3775
			AUX VASES							
			SPAR MTN							
1119	E, M, SELF	WRIGHT	AUX VASES	27-6N-5E	140*	430*	19,1*	55*	140*	270*
			SPAR MTN							
* 322	TEXACO, INC,	IOLA COOP	BENOIST	14,15-5N-5E		1589		55		
* 323	TEXACO, INC,	IOLA COOP	AUX VASES	14,15-5N-5E		3363		55		4414*
338	TEXACO, INC,	IOLA S. U,	AUX VASES	22-5N-5E	75	3103	1,8	102	64	2750
376	TEXACO, INC,	PRATHER	AUX VASES	10,11-5N-5E	100*	180	21,9*	29	100*	180
			SPAR MTN							
IRVINGTON, WASHINGTON										
4002	MARK MAZZARINO	ARNING-KASTEN-REICHMN	CYPRESS	9-1S-1W	130*	1450	18,9*	17S	130*	1450
4009	W, C, MCBRIDE	BROWN UNIT	CYPRESS	23-1S-1W	125	1048	16,8	1S2	129	933
			BENOIST							
4004	GEORGE THOMPSON	C,KOELLING	BENOIST	15-1S-1W	300*	1313*	15,2*	98*	300*	873*
IUKA, MARION										
2613	TEXACO, INC,	IUKA	MCCLOSKY	10,15-2N-4E			4,6	77	22	409
JOHNSON N, CLARK										
207	ACME CASING	N JOHNSON	CLAYPOOL	10,11,15-9N-14W	SO*	19354*	6,0*	1050*	SO*	14398*
			CASEY							
			PARTLOW							
* 204	F, A, BRIDGE OIL	BLOCK 'A'	CASEY	2-9N-14W		5731*		247*		2713*
* 205	F, A, BRIDGE OIL	BLOCK 'B'	CASEY	35,36-10N-14W		1118*		59*		33S
203	M & S OIL CO	N JOHNSON WF	CASEY	2-9N-14W	150*	4311	11.5*	891	150*	1847
* 211	E, A, OLDFIELD	V, JONES	CASEY	1,3-9N-14W		75		1		2
* 208	TIDEWATER OIL CO	CLARK COUNTY 1	CASEY	2-9N-14W		241S		160		1572
JOHNSON S, CLARK										
210	ACME CASING	JOHNSON EXT 1, 2	CLAYPOOL	22,23,26,27-9N-14W	80*	25899*	2,0*	S70*	SO*	19577*
			CASEY							
			PARTLOW							
* 212	ACME CASING	M E LARRISON	U PARTLOW	22,27-9N-14W		4424		163		3SS5
* 213	ACME CASING	WEAVER-BENNETT	U PARTLOW	27-9N-14W		11359		528		9879
209	TALBOTT & SONS	SOUTH JOHNSON (F-12)	U PARTLOW	27,34,35-9N-14W	200*	71989	12,0*	1662	200*	200
JOHNSONVILLE C, WAYNE										
4195	N, A, BALDRIDGE	TALBERT UNIT	AUX VASES	32-1N-6E	30*	1457	1,6*	103	30*	503
4167	FARRAR OIL CO,	E, JOHNSONVILLE UNIT	AUX VASES	25,36-1N-6E,1-1S-6E	422	10062	56,4	1009	158	5065
			MCCLOSKY							
4163	CHRIS PEARSON	LANE-WEAVER	OMARA	9-1S-6E	163	1702	11,5	209	163	1700
4072	TEXACO, INC,	JOHNSONVILLE SU	AUX VASES	9-1S-6E	820	3630	49,3	327	759	2743
			MCCLOSKY							
4089	TEXACO, INC,	SIMS UNIT	AUX VASES	21,22,27,28,32,33,34-1S-6E	1484	102S6	285,7*	2133*	2454*	11243*
			MCCLOSKY		1S08	11014				
4121	TEXACO, INC,	JOHNSONVILLE U	AUX VASES	21,26,27,28,33,34, 35-1N-6E; 3,4-1S-6E	2819	43253	72,8	3924	1325	25998
*4122	TEXACO, INC,	JOHNSONVILLE U.	MCCLOSKY	3,4-1S-6E,21,26,27, 28,33,34,35-1N-6E		58250		4259		34454
*4134	UNION OIL CALIF,	CRISP UNIT	AUX VASES	7,S,17,1S-1S-6E		S732		1192		4466
JOHNSONVILLE S, WAYNE										
*4172	ASHLAND O AND R	W GEFF UNIT	AUX VASES	11,14-1S-6E		3295		225		1161
JOHNSONVILLE W, WAYNE										
4071	EGO OIL CO	JOHNSONVILLE W WF	AUX VASES	23,24-6N-5E	297	769	93,6	179	114	244
*4169	FARRAR OIL CO,	W JOHNSONVILLE UNIT	MCCLOSKY	2-1S-5E,35,36-1N-5E		2245		1S3		620
*4161	KIRBY PETROLEUM	W JOHNSONVILLE	AUX VASES	14,23-1N-5E		1958		347		1000
JOHNSTON CITY E, WILLIAMSON										
4501	MUTUAL O AND G	JOHNSTON CITY E U	CYPRESS	15,16-8S-3E	307	2063	23,1	365		
			AUX VASES							
JUNCTION E, GALLATIN										
1441	GEORGE F, YOCUM	CRANE U	WALTERSBURG	36-SS-9E,1-9S-9E	SO*	365	6.S*	34	80*	171
JUNCTION N, GALLATIN										
*1412	ESTELLE PRICE	JUNCTION UNIT	WALTERSBURG	16,17,20,21-9S-9E		2357*		303*		
1445	TAMARACK PET,	MISH LSE	BIEHL	33-8S-9E	114	370	3,4	25	6	14

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	
	Depth (ft)	Net pay thick-ness (ft)	Poros-ity (%)	Perme-ability (md)	Oil grav-ity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow; Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
INMAN W C, GALLATIN (CONTINUED)												
1401	1726	8.0	15.0	72	36.9	10-57		1	1	180	PRODUCED (M)	*INACTIVE 1972-73
1425	2150	15.0			36.0	09-66		11	7	200	GRAVEL BED (F)	*ESTIMATED *INCL ALL PAYS
	2290	10.0			37.0			9	6	160		
	2475	15.0			37.0			14	13	300		
1449	2800	15.0				08-73		5	7	140	PRODUCED(B)	*ESTIMATED
1451	2810	22.0				01-68		2	1	30	PRODUCED (B)	*ESTIMATED
1423	2336	12.0				01-62		1	2	30	TAR SPRINGS (B)	*ESTIMATED
	2510	15.0						1	2	30		
IOLA C, CLAY, EFFINGHAM												
303	1874	8.0			32.2	01-55		1	1	20	PENN SD, PROD (B)	*INCL DROPPED PROJ 321 *EST
	2125	10.5	20.0	100				2	4	40		
	2250	17.3	16.0	40				6	5	120		
	2280	20.0	16.0	40				14	17	260		
	2330	20.0	14.7	80				15	18	280		
1112	2290	40.4	17.3	50	37.5	02-68		5	6	120	PENN SD (B)	
	2350	19.6	16.5	15				3	5	90		
	2440	6.0	16.0					2	3	80		
* 357	2800	10.0			35.4	01-58	07-66	1	3	60	PRODUCED (B)	SWD NON-PAY ZONE
1113	2300	12.0				12-67		1	4	70	PRODUCED (B)	*ESTIMATED
	2350	15.0						2	5	70		
1110	2280	25.0				10-67		6	14	190	PENN SD (B) 72	
	2350	16.0						6	18	270		
	2424	5.0						4	12	160		
1111	2280	25.0				12-67		10	3	200	PENN SD, PROD (B)	
	2350	16.0						11	11	280		
	2424	5.0						4	6	100		
1119	2360					10-69		1	5	80	PRODUCED (B)	*ESTIMATED
	2430							1	6	80		
* 322	2290	9.5	15.7	80	36.0	06-58	01-68	1	2	110	PRODUCED (M)	*INCL WITH 323
* 323	2350	13.3	15.7	80	36.0	06-58	01-68	1	1	190	PRODUCED (B)	*INCL 322
338	2340	8.5	15.1	65	36.0	09-62		1	2	210	PENN SD, PROD (B)	
376	2350	20.0				04-71		2	9	120	PENN SD, PROD (B)	*ESTIMATED
	2420	8.0						2	8	120		
IRVINGTON, WASHINGTON												
4002	1400	20.0			35.0	11-57		4	15	150	PRODUCED (B)	*ESTIMATED
4009	1425	15.0	20.0	300	37.4	09-64		1	5	80	PRODUCED (B)	
	1540	12.0	18.0	65				2	6	80		
4004	1531	10.8	19.0	278	37.2	02-59		2	9	180	PRODUCED(B)	*ESTIMATED
IUKA, MARION												
2613	2750	10.0			39.0	08-60		1	3	270	CYPRESS, PROD, (B)	*DUMP FLOOD, UNKNOWN
JOHNSON N, CLARK												
207	460	19.0	19.0	330		03-55		51	71	223	GRAV, PROD (M) 71	*ESTIMATED
	530	14.0										
	595	24.0										
* 204	450	20.0	20.8	399	33.9	04-49	01-63	27	13	125	SH SD, PROD (M)	*NO DATA 1958-1963
* 205	480	2.0	18.3	66	33.0	05-51	12-63	18	12	80	SH SD, PROD (M)	*NO DATA FROM 5-57 TO ABD
203	475	20.0	20.0	231	32.2	11-53		18	22	240	GRAV, PROD (M)	*ESTIMATED
* 211	440	19.0	19.8	252	35.4	09-51	02-54	3	2	15	SH SAND (F)	
* 208	425	26.1	20.6	415	33.9	02-50	12-59	19	20	81	SH SD, PROD (M)	
JOHNSON S, CLARK												
210	420	15.0	21.0	294		03-55		30	33	479	GRAV, PROD (M)	*ESTIMATED
	465	20.0										
	500	30.0										
* 212	507	33.0	18.0	277		03-55	12-70	2	2	80	GRAV, PROD (M)	*NO DATA 1968-70
* 213	467	35.0	19.0	285		03-55	12-70	6	7	280	GRAV, PROD (M)	*NO DATA 1968-70
209	490	48.0	16.6	319	30.5	03-49		54	62	504	GRAV, PROD (M)	*ESTIMATED
JOHNSONVILLE C, WAYNE												
4195	3120	13.0	20.7	230	37.0	01-65		2	3	110	PENN SD, PROD (B)	*ESTIMATED
4167	3070	17.0	19.0	90	39.2	08-62		10	11	440	CYPRESS, PROD (B)	
	3200	10.0	14.0	100				9	9	380		
4163	3124	6.0	14.2	2454	38.6	06-62		1	3	50	PRODUCED (B)	
4072	3000	8.0	18.6	98	37.0	07-69		5	7	230	PRODUCED (B)	
	3100	6.0	12.0	777	37.0			5	3	220		
4089	3045	25.0	16.7	118	38.0	07-67		21	27	1960	PRODUCED (B)	*INCL BOTH PAYS
	3175	17.0	11.0	377	38.0			26	25	1960		
4121	3000	7.5	19.1	187	37.0	10-56		27	28	3230	PENN SD, PROD (B)	
*4122	3100	10.0	15.5		37.0	11-54	02-70	1	18	3230	CYPRESS, PROD (B)	
*4134	3019	17.0	19.0	80		11-57	05-68	10	8	360	PENN SD, PROD (B)	*INCL PRIM PROD SINCE 2-58
JOHNSONVILLE S, WAYNE												
*4172	3050	11.0	20.3	82	39.0	05-63	08-70	11	12	480	PENN SD (B)	
JOHNSONVILLE W, WAYNE												
4071	2916	7.0			38.0	08-71		3	9	259	PENN SAND (B)	
*4169	3072	11.0	13.5	200	37.0	10-63	01-72	2	4	150	PENN SD, PROD (B)	
*4161	2900	12.0	19.0	92	39.0	05-62	06-69	5	5	170	PENN SD, PROD (B)	
JOHNSTON CITY E, WILLIAMSON												
4501	2300	20.0	14.8	80		02-67		4	5	90	CYPRESS SD (B)	
	2580	6.0	12.2	14				2	5	70		
JUNCTION E, GALLATIN												
1441	2000	15.0	17.0	50		03-68		2	4	80	PENN SD, PROD (M)	*ESTIMATED
JUNCTION N, GALLATIN												
*1412	1720	14.0	16.0	22	36.0	05-51	04-71	5	6	110	SH SD (F)	*EST 1965-66; NO DATA 1967-71
1445	1560	7.0				09-70		1	3	40	SHALLOW SD (F)	

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
KEENSBURG S, WABASH										
3867	ALVA C. DAVIS	GARST-ECKLER	CYPRESS	34,35-2S-13W	161	1354	13.1	161	88	509
3991	HERMAN LØEB	FEARHEILEY-THØM-UTLEY	MANSFIELD	10-3S-13W	175*	3338	8.6*	283	175*	1772
*3915	VICKERY DRLG.	A P GARST	CYPRESS	27-2S-13W		297		27		60*
KEENVILLE, WAYNE										
*4125	N. A. BALDRIDGE	KEENVILLE UNIT	MCCLØSKY	27,28,33,34-1S-5E		2137		232		1570
*4126	WALTER DUNCAN	KEENVILLE U		28,29-1S-5E		1971		343		660
KENNER, CLAY										
* 305	TEXACØ, INC.	KENNER U	BENØIST	25,36-3N-5E, 30,31-3N-6E		4349		374		1722
* 330	TEXACØ, INC.	KENNER U	AUX VASES	25,36-3N-5E, 30,31-3N-6E		5363		117		1270
* 353	TRØØP DRILLING	CHASTEEN	BENØIST RENAULT AUX VASES	36-3N-5E		45		8		45
KENNER N, CLAY										
* 324	IND. FARM BUR.	THEØBALD	BENØIST	17-3N-6E		21		53		47
KENNER W, CLAY										
* 306	PHILLIPS PET. CØ	W KENNER U	CYPRESS BENØIST AUX VASES	23-3N-5E		16531		535		4799
KING, JEFFERSØN										
*2016	N. A. BALDRIDGE	EBER-GØFF	AUX VASES	22-3S-3E		81*		1		81
2017	T. L. CLARK	RANDØLPH	AUX VASES	27,34-3S-3E	125*	1102	6.4*	185	125*	1106
2025	SHAKESPEARE ØIL	RACE UNIT	AUX VASES	33,34-3S-3E	19	187	6.0	108	19	187
*2013	TEXACØ, INC.	BAKER-BUMPUS-SMITH	AUX VASES	33,34-3S-3E		1911		62		419
LANCASTER, LAWRENCE, WABASH										
3881	NICK BABARE	SHARP WØØD	BETHEL	4-1N-13W	30*	770	1.1*	141	30*	196
3954	HAYES-WØLFE BRØS	LANCASTER UNIT	BETHEL	4,9-1N-13W;33-2N-13W	115*	5259	6.9*	1230	115*	1218*
2255	STØNE ØIL CØ	HELENA	SPAR MTN	16,21-2N-13W	229	507	43.2	378	35	63
LANCASTER E, LAWRENCE, WABASH										
3984	CØY ØIL CØ	FRIENDSVILLE U	BIEHL	25,36-2N-13W	60*	192	3.0*	14	15*	21
LANCASTER S, WABASH										
3916	HERMAN LØEB	LANCASTER SØUTH	BETHEL	21-1N-13W	50*	541	2.6*	113	50*	184
LAWRENCE, LAWRENCE, CRAWFØRD										
2215	ASHLAND Ø AND R	BØLLES-WRIGHT UNIT	BETHEL	7,8,17-4N-12W	189	1233	4.7	47	39	165
2242	BALDWIN, BALDWIN	Ø'DØNNELL	CYPRESS	17-3N-12W	160*	3180*	8.0*	396*	160*	2960*
2291	BALDWIN, BALDWIN	CUMMINS	BRIDGEPØRT CYPRESS	6-3N-12W	290*	4000*	14.0*	271*	320*	5000*
2268	FRANCIS BEARD	JENNER	BETHEL	36-3N-12W	200*	1885*				
2269	FRANCIS BEARD	JENNER	CYPRESS	36-3N-12W	380*	3799*	12.5*	296*	450*	2844*
*2200	CALVAN AMERICAN	PIPER	CYPRESS	2,11-4N-13W		146		6		
*2229	CALVAN AMERICAN	WALLER	CYPRESS	5,6-2N-11W		828		12		144*
2208	CHARLES E. CARR	CRUMP '40'	CYPRESS	19-4N-12W	50*	2047	1.5*	276	50*	3013
2209	CHARLES E. CARR	CRUMP UNIT	CYPRESS	31-4N-12W	90*	2142	3.5*	163	90*	1174
2234	CHARLES E. CARR	L GILLESPIE	BETHEL	26,35-3N-12W	55*	1723				
2235	CHARLES E. CARR	L GILLESPIE	CYPRESS	26,35-3N-12W	250*	9345				
2236	CHARLES E. CARR	L GILLESPIE	BRIDGEPØRT	26,35-3N-12W	150*	9307	8.0*+	821+	200*+	7174+
2241	CHARLES E. CARR	FYFFE	CYPRESS	6-3N-12W,1-3N-13W	60*	6201	2.1*	455	60*	2208
2244	CHARLES E. CARR	BRIDGEPØRT UNIT	CYPRESS	6-3N-12W	10*	6650*	1.0*	1145*	10*	4782*
2245	CHARLES E. CARR	S GILLESPIE	CYPRESS	26-3N-12W	100*	1096	8.3*+	183+	180*+	541+
2246	CHARLES E. CARR	S GILLESPIE	BETHEL	26-3N-12W	80*	828				
2252	CHARLES E. CARR	BØWER-RØSS	CYPRESS	29-4N-12W	40*	2643	2.0*	222	60*	2102
2253	CHARLES E. CARR	FYFFE '39'	CYPRESS	31-4N-12W	100*	2039	24.0*	165	150*	1640
2258	CHARLES E. CARR	CØØPER-DAVIS	CYPRESS	6,7-3N-12W	90*	1890	6.9*	152	125*	1925
2262	CHARLES E. CARR	FYFFE U	CYPRESS	36-4N-13W	12*	2508	1.3*	186	20*	1672
2270	CHARLES E. CARR	GRAY FEE WF	CYPRESS BETHEL	1-2N-12W	100*	1544	3.0*	92	100*	508
2276	CHARLES E. CARR	WITHERS-PELHAM-STATE	CYPRESS BETHEL	36-3N-12W	100*	2614	4.5*	270	100*	1546
2207	HEATH OIL CO	GRAY AREA	JACKSØN BETHEL BENØIST	13,14-4N-13W	120*	7747	5.0*	719	120*	5330
*2205	WALTER DUNCAN	L.C. DAVID	SAMPLE	8-3N-11W		56				8
*2206	T. W. GEØRGE EST.	KLØNDIKE WF	BETHEL	25,26,35,36-5N-13W		9990		1098		3338*
*2280	GULF ØIL CØ	H E GRIGGS	CYPRESS BENØIST	18-3N-12W		245		6		2
2211	GAIL HEATH	STØLTZ	BRIDGEPØRT	32-4N-12W	180*	6402				
2212	GAIL HEATH	STØLTZ	CYPRESS	32-4N-12W	100*	7682	6.6*+	1051+	220*+	7846+
2240	D. S. HUDDLESTØN	VANDERMARK-ALBRECHT	BRIDGEPØRT CYPRESS	34-3N-12W	351	2773	28.2	381	315	1878*
*2224	ILLINØIS ØIL CØ.	FINLEY U	CYPRESS BETHEL	25-3N-12W		748		38		652
2225	ILLINØIS ØIL CØ.	GEE-IRWIN U	CYPRESS BETHEL MCCLØSKY	36-3N-12W	60*	468	2.2*	35	80*	320
2226	ILLINØIS ØIL CØ.	DINING HEIRS	CYPRESS BETHEL	36-3N-12W	80*	783	3.4*	96	100*	876
2227	ILLINØIS ØIL CØ.	MCCRØSKEY HRS	CYPRESS BETHEL	25-3N-12W	70*	408	3.4*	64	80*	376
2277	ILLINØIS ØIL CØ.	BUNKER HILL U	BRIDGEPØRT	12-2N-12W	140*	1354	7.0*	89	65*	592
			BETHEL		130*	1517	3.5*	60	60*	410
2203	J&W EQUIPMENT	BRIDGEPØRT S U	BETHEL	19-3N-12W	251	816	30.7	80	100	230
2281	JENNY LEE ØIL CØ	CALVERT-MUSGRAVE	BRIDGEPØRT	3-3N-12W		7*				
2273	HERMAN LØEB	LØEB AND MCPHERSØN	CYPRESS BETHEL	14,15,22-3N-12W	100*	2945	5.5*	329	100*	1529
2275	HERMAN LØEB	BURNS,GRIGGS,ZELLARS	BRIDGEPØRT CYPRESS	8-3N-12W	110*	10264	5.8*	600	110*	4778
2213	MARATHØN ØIL CØ.	16 PRØJECTS*	JACKSØN	T3,4N-R12,13W	19577	320026	1249.3	46503	16822	222790

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow Type (F) = Fresh (B) = Brine (M) = Mixed	
								Inj.	Prod.			
KEENSBURG S, WABASH												
3867	2398	12.0			37.8	10-64		3	4	90	SH SD, PRØD (M)	
3991	1181	13.0	15.0	42	32.5	12-62		5	9	130	SH SD, PRØD (M)	*ESTIMATED
*3915	2403	15.0	20.6	134	37.5	11-54	12-59	1	1	60	SH GRAV (F)	*ESTIMATED
KEENVILLE, WAYNE												
*4125	3100	9.0			40.0	11-56	03-66	3	12	220	SH SD, PRØD (M)	
*4126	2950	13.0	20.0	155	39.0	04-54	11-61	3	9	120	SH SD (F)	
KENNER, CLAY												
* 305	2700	14.0	15.6	54	36.0	06-59	12-65	23	24	480	PENN SD, PRØD (B)	
* 330	2800	21.0	17.0		36.0	06-59	10-67	1	8	270	PRØDUCED (B)	
* 353	2719	29.0			35.8	08-63	07-68	1	1	20	PRØDUCED (B)	
	2774	18.0						1	1	20		
	2831	13.0						1	1	20		
KENNER N, CLAY												
* 324	2750	10.0	17.0	40	36.0	10-58	12-63	1	3	30	PRØDUCED (B)	*ESTIMATED
KENNER W, CLAY												
* 306	2600	13.0			37.5	02-52	06-68	11	15	280	PRØDUCED (B)	
	2720	14.0						6	11	200		
	2800	16.0						1	5	70		
KING, JEFFERSØN												
*2016	2700	7.0				01-63	11-68	1	3	40	PRØDUCED (B)	*WATER INJ INEFFECTIVE
2017	2700	20.0				06-64		3	5	80	CYPRESS, PRØD (B)	*ESTIMATED
2025	2708	10.0	12.0	16		11-64		1	4	80	PRØDUCED (B)	
*2013	2735	11.0			37.0	05-61	02-70	3	2	160	PRØDUCED (B)	
LANCASTER, LAWRENCE, WABASH												
3881	2540	21.0	17.0	65	37.5	07-64		2	3	40	PRØDUCED (B)	*ESTIMATED
3954	2500	16.0			34.0	12-58		21	34	500	SURF PØNDS, PRØD (M)	*ESTIMATED
2255	2720	7.0				07-71		4	8	300	PENN SD (B)	
LANCASTER E, LAWRENCE, WABASH												
3984	1740	9.0			30.6	01-71		1	2	30	SHALLØW SAND,PRØD,(M)	*ESTIMATED
LANCASTER S, WABASH												
3916	2520	10.0			36.0	01-55		2	2	40	PRØDUCED (B)	*ESTIMATED
LAWRENCE, LAWRENCE, CRAWFØRD												
2215	1680	10.0	15.0	20	38.0	07-66		4	8	120	PURCHASED (F)	
2242	1500	28.0	16.7	15	38.0	04-59		9	7	160	BUCHANAN, PRØD (B)	*ESTIMATED
2291	980	30.0				01-58		4	4	33		*ESTIMATED
	1440	30.0						4	4	33		
2268	1655	10.0	15.0	20		11-62		11	10	100	GRAV, PRØD (M)	*ESTIMATED
2269	1540	25.0	15.0	30		11-62		11	10	100	GRAV, PRØD (M)	*ESTIMATED
*2200	1520	25.0	20.8	33	38.6	12-53	06-56	4	2	60	SH SD (F)	
*2229	1535	50.0	18.5	70	39.5	03-53	11-55	8	8	160	SH GRAVEL (F)	*ESTIMATED
2208	1280	25.0	20.0	90		04-56		4	4	40	PENN SD, PRØD (B)	*ESTIMATED
2209	1420	22.0	20.0	80		12-56		5	4	40	PENN SD, PRØD (B)	*ESTIMATED
2234	1660	10.0	16.5	25	37.0	11-58		17	10	100	GRAV, PRØD (M)	*ESTIMATED +INCL WITH 2236
2235	1550	28.0	17.0	35	37.0	11-58		17	10	100	GRAV, PRØD (M)	*ESTIMATED +INCL WITH 2236
2236	990	30.0	19.3	200	37.0	11-58		16	10	100	GRAV BED, PRØD (M)	*ESTIMATED +INCL 2234,2235
2241	1580	35.0	18.0	100	35.0	07-59		10	4	45	BUCHANAN SD, PRØD (B)	*ESTIMATED
2244	1575	25.0	18.0	80	38.0	06-59		9	10	150	PENN SD, PRØD (B)	*ESTIMATED
2245	1550	28.0	17.0	35	39.0	10-60		8	6	50	RIVER, PRØD (M)	*ESTIMATED +INCL 2246
2246	1660	10.0	16.5	25	39.0	10-60		8	6	50	RIVER, PRØD (M)	*ESTIMATED +INCL WITH 2245
2252	1320	20.0	19.0	120		08-58		4	6	60	PENN SD, PRØD (B)	*ESTIMATED
2253	1420	20.0	20.0	80		12-56		3	4	40	PENN SD, PRØD (B)	*ESTIMATED
2258	1620	15.0				06-63		3	5	90		*ESTIMATED
2262	1650	25.0	18.0	130		12-60		8	4	80	PENN SD, PRØD (B)	*ESTIMATED
2270	1545	25.0			37.0	07-61		3	5	60	SH SD, PRØD (M)	*ESTIMATED
	1670	10.0						3	5	60		
2276	1564	20.0	16.9	41	38.5	02-63		8	8	80	SH SD, PRØD (M)	*ESTIMATED
	1690	12.0	15.0	17				8	8	80		
2207	1412	8.0	13.5	9		05-53		10	10	200	BRIDGEPØRT, PRØD (B)	*ESTIMATED
	1577	11.0	21.0	40				10	10	200		
	1622	16.0	18.5	46				8	7	150		
*2205	1600	6.0				08-56	09-58	1	1	20	RIVER GRAVEL (F)	
*2206	1625	18.0	17.2	80	37.8	06-52	12-60	44	36	750	SH SD, PRØD (M)	*ESTIMATED
*2280	1586	16.0	16.7	21	38.0	04-63	12-67	1	1	10	PRØDUCED (B)	
	1746	12.0	16.0	27				1	1	10		
2211	860	25.0	22.3	15	37.0	01-55		10	8	25	GRAV, PRØD (M)	*ESTIMATED +INCL WITH 2212
2212	1400	18.5	17.3	18	37.0	01-55		4	8	25	GRAV, PRØD (M)	*ESTIMATED +INCL 2211
2240	988	24.0	21.0	398	29.5	08-58		3	7	70	LAKE, PRØD (M)	
	1648	15.0			39.8			1	3	40		
*2224	1600	12.0	17.0	50	36.0	01-67	01-72	3	8	80	SH WELL (F)	
	1700	8.0	15.0	35				1	3	40		
2225	1530	20.0	18.0	100	36.0	02-67		1	1	20	PRØDUCED (B)	*ESTIMATED
	1630	15.0	16.0	50				1	1	20		
	1780	10.0	15.0					1	1	20		
2226	1550	12.0	18.0	100		12-65		1	2	20	PRØDUCED (B)	*ESTIMATED
	1650	10.0	16.0	70				1	2	20		
2227	1600	15.0	18.0	75	36.0	01-66		1	2	10	PRØDUCED (B)	*ESTIMATED
	1725	10.0	15.0	50				1	2	10		
2277	975	10.0	19.0	350	35.0	02-64		1	2	40	SH SD (F)	*ESTIMATED
	1775	8.0	14.0	25	38.0			4	7	100		
2203	2000	18.0	17.5	45	37.0	04-70		4	10	110	PENN SD (B)	
2281	1019	15.0				06-62		1	2	30	SH SD, GRAVEL (F)	*NØ DATA 1965-71
2273	1535	15.0	18.5	40	30.0	12-62		7	8	180	BUCHANAN, PRØD (B)	*ESTIMATED
	1650	10.0	18.0	15				6	5	120		
2275	850	20.0	21.0	131	30.9	11-56		4	6	50	BUCHANAN, PRØD (B)	*ESTIMATED
	1440	20.0						5	7	60		
2213	1375					01-52		160+	150+	1600+	PRØD, FRESH WSW (M)	*JUDY,WESTALL,KING,BUTTØN,KIMMEL

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
LAWRENCE, LAWRENCE, CRAWFORD (CONTINUED)										
2213	MARATHON OIL CO.		CYPRESS							
2214	MARATHON OIL CO.	9 PROJECTS*	BETHEL BENOIST BRIDGEPORT	T 3,4N R 12,13W	8642	169388	839,9	15205	6491	133264
2216	MARATHON OIL CO.	4 PROJECTS *	MCCLOSKY	T 3,4N R 12,13W	2863	51494	128,2	4525	2145	35663
2247	MARATHON OIL CO.	HARDINSBURG WF 37-H	HARDINSBURG	27,34-3N-12W	560	1112	179,6	390	273	416
2279	MARATHON OIL CO.	RIDGLEY 41-P	RIDGLEY	26,34,35-3N-12W	867	5730	68,5	1042	576	3439
*2204	W. C. MCBRIDE	APPLEGATE	JACKSON	7-4N-12W, 12-4N-13W		4468		228		3476
2210	W. C. MCBRIDE	NEAL	CYPRESS MCCLOSKY BRIDGEPORT	29-4N-12W	314	6776	17,2	801	320	4493
2219	W. C. MCBRIDE	ROGERS	JACKSON CYPRESS BETHEL CYPRESS	14-3N-12W	197	1416	14,2	205	198	1121
*2249	W. C. MCBRIDE	HINKLE	BETHEL MCCLOSKY	26-3N-12W		175		24		223
*2251	W. C. MCBRIDE	COMBS	CYPRESS	20-4N-12W		779		65		339
2254	W. C. MCBRIDE	DALRYMPLE	BETHEL JACKSON	29-4N-12W	190	4555	6,9	497	197	2999
2285	W. C. MCBRIDE	HINKLE	CYPRESS BETHEL BENOIST BRIDGEPORT	26-3N-12W	351	2105	19,6	431	365	2011
*2243	OILFIELD DRLG.	BELL UNIT	BETHEL CYPRESS	1-3N-13W		2429*		172*		998*
2271	DAVID PHILLIPS	BRUNSON-PAYNE-FAITH	CYPRESS	18,19-3N-11W	65*	190	3,0*	21	70*	140
2274	BERNARD PODOLSKY	GILLESPIE AND CALVERT	CYPRESS	15,22-3N-12W	26	1219	11,7	163	57	444
2237	A.BRANDT POWELL	STOLTZ HEIRS	JACKSON	25-4N-13W	80*	1647	5,3*	338	100*	685
*2230	REE, INC.	SNYDER	CYPRESS BETHEL CYPRESS	30-3N-11W		16		1		69
2222	HUBERT ROSE	LEIGHTY	CYPRESS	32-3N-11W		97*		1*		
*2217	SHAKESPEARE OIL	S B'PORT U C MILLER C	BETHEL	20,29,30-3N-12W		4902		536		2057
2288	JOE SIMPKINS OIL	COLLINS SCHL	CYPRESS	6-2N-11W/31-3N-11W/ 1-2N-12W	220*	1095	10.1*	87	220*	800
2202	WAYNE SMITH, OP.	C M PERKINS	SAMPLE BRIDGEPORT	32-4N-12W	190*	16014	18,7*	825	190*	4687
2220	WAYNE SMITH, OP.	BUCHANAN	CYPRESS CYPRESS	7-3N-12W	400*	3108	30,0*	418	400*	759
2221	WAYNE SMITH, OP.	OSCAR LEIGHTY	BETHEL BENOIST CYPRESS	31-3N-11W	100*	1195	5,0*	67	100*	1114
2233	WAYNE SMITH, OP.	PEPPLE	CYPRESS	30-4N-12W	60*	9664	1,0*	983	60*	4490
2238	WAYNE SMITH, OP.	L H SEED	BETHEL CYPRESS	21-3N-12W	80*	1277	2,0*	17	80*	339
2256	WAYNE SMITH, OP.	BREEN	CYPRESS	24,25-4N-13W	10+	2598	0,3+	177	10+	1019
2259	WAYNE SMITH, OP.	WHITTAKER AREA	BETHEL CYPRESS	2,10,11-3N-12W	450*	10927	31,5*	1366	450*	5083
2260	WAYNE SMITH, OP.	E J SEED	BETHEL JACKSON	15,16,22-3N-12W	260*	1550	19,0*	126	240*	522
2265	WAYNE SMITH, OP.	PIPER-DROLL AREA	CYPRESS JACKSON CYPRESS	1,2,11,12-4N-13W 35,36-5N-13W	730*	11489	70,6*	1519	660*	4914
2272	WAYNE SMITH, OP.	HAYWARD AREA	BETHEL BENOIST CYPRESS	25,26-3N-12W	160*	2975	10,0*	604	160*	2318
*2286	WAYNE SMITH, OP.	BUCHANAN AREA	BETHEL BRIDGEPORT	2-2N-12W		190		1		2
*2289	WAYNE SMITH, OP.	W.F. GOULD UNIT	CYPRESS	31-3N-12W		1930		5		1539
*2223	TEXACO, INC.	LAWRENCEVILLE FEE	CYPRESS	7,18-3N-11W	3	524	0.2	13	3	134
2266	TRIANGLE OIL CO	KIRKWOOD-MCPHERSON	CYPRESS	11,12,13,14-3N-12W	350*	2100	17,7*	193	400*	2040
2257	WALKER DRLG CO.	LEWIS	CYPRESS	24-3N-12W	95*	795	3,9*	105	95*	795
2261	E. L. WHITHER	ALLAN GRAY AREA	BETHEL	19-3N-12W	500*	1100	35,4*	95	175*	275
2239	ZANETIS OIL PROP	WAYNE HEIRS	AUX VASES	28-3N-11W	15*	275	1,9*	34	15*	275
*2264	ZANETIS OIL PROP	CASSIL	MCCLOSKY CYPRESS	36-4N-13W		62		57		197
2282	ZANETIS OIL PROP	CARLSON	BUCHANAN	15-3N-12W	600*	3395	56,3*	360	900*	2589
2283	ZANETIS OIL PROP	HUDSON WF	CYPRESS BETHEL MCCLOSKY CYPRESS	18-3N-11W	50*	628	1,8*	45	50	628
LAWRENCE W, LAWRENCE										
*2250	ACME CASING	S SUMNER UNIT	BETHEL	14,23,24-3N-13W		1191		186		285
LEXINGTON, WABASH										
3858	SO. TRIANGLE CO.	LEXINGTON U	MCCLOSKY	26-1S-14W	330*	1697	6,0*	18	80*	85
LILLYVILLE, CUMBERLAND, EFFINGHAM										
704	ROYALCO, INC.	KROGHAN	MCCLOSKY	31-9N-7E	176	1742	18,0	241	69	532
LIVINGSTON, MADISON										
*2500	WILLIAM H. KROHN	KROGER	PENN	17-6N-6W		67		3		
*2501	M. W. MCCONNELL	C. AND O. HENKE UNIT	PENN	17,20-6N-6W		104		25		
*2502	CHARLES P. WOOD	KROEGER	PENN	17-6N-6W		37*		3*		
LIVINGSTON S, MADISON										
2508	R. CHOISSER	QUADE-REPOUSCH	BETHEL	21,22-6N-6W	100*	350	9,6*	28	50*	300
2509	HOWARD CLEFF	BEST-KERIN-LEITCH	PENN	27,34-6N-6W	150*	300	12,8*	45	100*	250
2507	FAIRFIELD OIL CO	BLOM-FLOWLER-RUEHRUP	PENN	27-6N-6W	25	643	6,6	78	5	6
LOCUST GROVE, WAYNE										
4085	ZANETIS OIL PROP	DAUBS 8	AUX VASES	31-1N-9E	30*	336	2,2*	23	30*	90

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow; Type (F) = Fresh (B) = Brine (M) = Mixed	
LAWRENCE, LAWRENCE, CRAWFORD (CONTINUED)												
2213	1430	10.0						560*	550*	5600*		BOYD,MIDDAGH,NEWELL,MOORE,THORN
	1530	10.0						220*	220*	2400*		GOULD,SEED,GRAY,RYAN,LEIGHTY,
	1600	8.0						30*	30*	300*		JENNER *ESTIMATED
2214	800	30.0			35.6	08-48		215	296	2096	GRAV, PROD (M)	*ROBINS,JOHNSON,KLINGLER,COOPER, BALTZELL,LEWIS,CLARK,FINLEY,GEE
2216	1700	20.0		1500		11-56		35	52	1637	GRAV, PROD (M)	*APPLEGATE,WILLIAMS,GILLESPIE, VANDERMARK
2247	1350	13.0				09-71		13	10	290	PROD & FRESH (M)	
2279	1230	16.0	17.0	400		08-64		20	22	584	GRAV, PROD (M)	
*2204	1240	10.0	19.0	80	34.7	09-52	12-67	15	16	180	GRAV, PROD (M)	
	1350	15.0	17.0	30				8	8	60		
	1635	3.0	23.0	40				10	10	40		
2210	970	15.0	20.0	200		05-56		1	1	20	PENN SD,PROD(B)	
	1330	6.0	18.0	40				8	8	60		
	1390	23.0	19.0	20				8	8	80		
	1470	18.0	17.0	20				2	2	40		
2219	1530	12.0	16.0	30		08-66		4	6	50	PENN SD, PROD (B)	
	1620	10.0	15.0	20				4	5	40		
*2249	1775	15.0	20.0	175		08-59	01-66	1	4	40	PENN SD, PROD (B)	
*2251	1450	20.0	18.0	50		03-59	02-71	1	1	60	PENN SD, PROD (B)	
	1630	10.0	12.0	10			07-66	2	2	20		
2254	1450	6.0	19.0	80		03-68		1	1	10	PENN SD, PROD(B)	MOST OF THE WATERFLOOD EFFECT
	1500	20.0	19.0	80		09-59		3	3	70		HAS BEEN IN JACKSON AND CYPRESS
	1575	10.0	16.0	35		09-59		3	5	70		
	1650	13.0	15.0	25		09-59		6	6	70		
2285	1000	10.0	18.0	100		11-63		2	2	40	PENN SD, PROD (B)	
	1660	12.0	15.0	20				5	7	80		
*2243	1650	20.0	18.0	80	38.0	06-59	03-66	2	1	80	PENN SD, PROD (B)	*1966 DATA ESTIMATED
2271	1560	16.0				10-69		3	11	130	SM SD, PROD (M)	*ESTIMATED
2274	1590	14.0	18.5	40	30.0	11-62		4	7	100	BUCHANAN, PROD (B)	
2237	1460	6.0	20.0	85	38.0	07-58		1	2	30	PENN SD, PROD (B)	*ESTIMATED
	1550	14.0						3	8	130		
	1680	20.0						1	1	20		
*2230	1580	25.0	21.2	125	38.6	10-52	01-55	1	2	10	TAR SPR, PROD (B)	
2222	1610	9.0			36.0	02-66		1	2	30	PENN SD, PROD (B)	*INJECTION SUSPENDED
*2217	1800	12.1	17.1	70	38.0	10-56	12-66	20	18	313	TAR SPRINGS (B)	
2288	1550	15.0				01-69		17	20	350	PENN SD, GRAV (M)	*ESTIMATED
	1620	10.0						19	25	450		
2202	900	14.0	18.0	125	36.0	02-55		19	10	100	BUCHANAN SD, PROD (B)	*ESTIMATED
	1350	20.0	18.0	100				19	10	100		
2220	1570	28.0	17.9	64	37.0	12-65		4	1	60	GRAVEL BED (F)	*ESTIMATED
	1670	9.0	15.9	37				2	2	40		
	1730	9.0	12.5	2				3	4	80		
2221	1650	15.0	16.5	50	39.0	01-66		5	7	60	RIVER GRAV, PROD (M)	*ESTIMATED
2233	1400	30.0	18.0	75	37.0	06-57		21	17	130	BUCHANAN SD, PROD (B)	*ESTIMATED
	1650	20.0	14.0	10	39.2			6	7	50		
2238	1630	22.0	74.0	18	33.0	03-67		3	1	20	SH SD (F)	*ESTIMATED
2256	1530	20.0	16.0	47	37.0	05-60		6	5	70	BUCHANAN SD, PROD (B)	*INCL DROPPED PROJ 2255 +EST
	1675	20.0	12.0	5	37.0			6	5	70		
2259	1520	20.0	18.0	35		11-60		26	26	650	RIVER, PROD, (M)	*EST, INCL BOTH PAYS
	1630	15.0						26	26	650		
2260	1500	5.0				02-61		3	2	40	SH SD (F)	*ESTIMATED
	1590	16.0						1	2	30		
2265	1310	12.0	18.0	30	38.0	12-61		22	24	500	RIVER, PROD (M)	
	1400	10.0	18.0	35	38.0			21	23	480		
	1525	6.0						8	8	160		
	1585	5.0						6	6	120		
2272	1575	25.0	16.0	20	39.5	12-63		6	16	120	BRIDGEPORT, PROD (B)	*ESTIMATED
	1650	14.0						6	16	120		
*2286	950	40.0	19.0	100	31.0	07-63	02-66	2	2	40	SM SD (F)	
*2289	1590	20.0	19.0	75	30.0	09-65	06-70	8	8	180	PENN SD, PROD (B)	*NO DATA 1967
*2223	1560	10.0	17.0	20	37.0	02-70	06-73	4	6	160	PROD, SUPPLY (M)	*INJ DISC 3-73
2266	1540	20.0				10-64		6	17	280	SH SD, PROD (M)	*ESTIMATED
2257	1580	20.0				06-67		9	7	160	PENN SD (B)	*ESTIMATED
2261	1920	20.0				12-71		3	10	130	SH SD, PROD (M)	*ESTIMATED-INCL PRIM PROD
2239	1838	8.0	20.0	2	38.5	03-65		1	3	50	PRODUCED (B)	*ESTIMATED
	1919	5.0	15.0	23				1	3	50		
*2264	1640	19.0			38.6	09-62	12-66	1	3	40	SM SD, PROD (M)	
2282	1300	15.0				04-71		2	2	40	PRODUCED(B)	*ESTIMATED
	1516	31.0	16.0	14	36.7	07-64		9	9	180		
	1622	22.0						1	2	40		
	1770	5.0	15.0	2				2	4	100		
2283	1597	18.0	20.8	121	36.1	05-64		2	4	40	PRODUCED (B)	*ESTIMATED
LAWRENCE W, LAWRENCE												
*2250	2040	10.0	17.2	36	35.0	12-59	01-66	8	9	297	SH SD, PROD (B)	
LEXINGTON, WABASH												
3858	2850	9.0	14.0	600	39.0	05-68		2	1	50	SH SD (F)	*ESTIMATED
LILLYVILLE, CUMBERLAND, EFFINGHAM												
704	2450	8.0			35.0	05-57		3	4	40	PROD (B)	
LIVINGSTON, MADISON												
*2500	520	15.0			33.5	07-54	12-57	2	5	80	BENOIST, A.V, SDS (B)	
*2501	525	22.0	16.0		36.0	05-52	12-70	10	10	80	SALEM, PROD (B)	
*2502	520	20.0			37.0	05-59	08-68	1	3	160	AUX VASES (B)	*NO DATA SINCE 1962
LIVINGSTON S, MADISON												
2508	2700	5.0	11.0			6-71		2	9	90	PRODUCED(B)	*ESTIMATED
2509	575	15.0				04-72		1	6	70	PRODUCED (B)	*ESTIMATED
2507	545	35.0	22.8	1421	35.0	10-63		5	7	150	SH SD (F)	
LOCUST GROVE, WAYNE												
4085	3180	10.0			39.8	08-66		1	2	20	CYPRESS (B)	*ESTIMATED

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
LOUDEN, EFFINGHAM, FAYETTE										
1252	N. A. BALDRIDGE	LOUDEN **	CYPRESS BETHEL	T7,8N-R3,4E	172+	172	86.4+	92	200+	200
1230	BARGER ENG	SINCLAIR	CYPRESS BETHEL	29-8N-3E	288	4101	15.3	712	288	4039
1243	BARGER ENG	WELKER	CYPRESS	31-7N-3E	74	1295	13.6	611	247	3510
*1201	W. L. BELDEN	HINTON U	CYPRESS	32-7N-3E		100		11		
1202	W. L. BELDEN	UNIT 25	CYPRESS	24,25-8N-3E	270	6274	2.5+	550*	300	5663
1209	W. L. BELDEN	B. F. OWENS	CYPRESS	9-7N-3E		757		215		1038
1213	W. L. BELDEN	E.C. SMITH	CYPRESS	20-7N-3E	224	949	7.7	820*		1859
1226	W. L. BELDEN	BATHER	CYPRESS	16,17-7N-3E	201*	1000	23.8*	327	201*	402
1203	D. L. BURTSCHI	O.L. BURTSCHI U	CYPRESS	18-7N-3E	80*	915*	4.5*	207*	80*	395
1207	REVIS D. CALVERT	HOMAN	CYPRESS	29,31,32-7N-3E		16305	3.1*	1940	50*	11739
1215	REVIS D. CALVERT	KOBERLIEN	CYPRESS	30-7N-3E	100*	2588	2.3*	508	100*	1672
1217	REVIS D. CALVERT	STOKES-WEILER	CYPRESS	14-8N-3E	72*	2540	2.8*	427	72*	1185
1233	REVIS D. CALVERT	SAPP	CYPRESS	18-7N-3E	200*	1756	2.6*	155	96*	588
1204	EXXON	LOUDEN	CYPRESS BETHEL BENOIST AUX VASES	T 7,8,9N-R 2,3,4E	45159	788605	2299.4	125654	37077	407722
1216	FRY OIL CO	RHODES-WATSON	CYPRESS BETHEL BENOIST	27,33,34-8N-3E	336+	5735	11.9+	1069*	300+	3897
1206	GENERAL AMERICAN	DEVORE COOP	CYPRESS	1-7N-2E	186	1764	7.5	369	186	1644
1244	A. L. HERMANN	LILLY	CYPRESS BETHEL BENOIST	16-8N-3E	215	3412	44.3	968	300	2239
*1249	L. B. MOSS	BUZZARD	CYPRESS	3-7N-3E				199		1850
1205	R. L. MOSS	STEWART AND DIAL	CYPRESS	6-7N-3E	40*	949	1.5*	117	60*	293*
1210	R. L. MOSS	YOLTON	CYPRESS	12-7N-2E,7-7N-3E	270*	3338	15.9*	725	280*	2361
1211	R. L. MOSS	YOLTON	BETHEL	12-7N-2E,7-7N-3E	30*	468	2.0*	32	30*	138
1225	R. L. MOSS	EMERSON	CYPRESS	31-8N-3E	12*	72	0.4*	11	12*	153
1228	R. L. MOSS	SMITH	CYPRESS	13-7N-2E	160*	1821	4.2*	210	160*	1286
1235	R. L. MOSS	M. LOGUE	CYPRESS BETHEL	18-7N-3E	30*	710	1.5*	33	40*	373
1241	R. L. MOSS	ARNOLD-MORSN-SEALOCK	CYPRESS	19-7N-3E	500*	2574	44.9*	553	500*	2407
1242	R. L. MOSS	LAURA LOGUE	CYPRESS	18-7N-3E	25*	217	1.0*	64	25*	217
1248	R. L. MOSS	RHODES	CYPRESS	18-7N-3E	82*	616	7.9*	168	90*	702
1232	HUGHES PROD.	HOPPER-TOWNSEND-MCLRY	CYPRESS	12-7N-2E	109	2423	13.9	623	219	2790
*1223	HUMBLE O AND R	LOUDON DEVONIAN	DEVONIAN	2,10,11,15,20,21,22, 27,28,29,32,33-8N-3E		207361		19241		184970
*1208	JARVIS BROS.	YAKEY	CYPRESS BETHEL	6-7N-3E		2832		286		1923
*1234	KINGWOOD OIL CO.	WELKER	CYPRESS	13-7N-2E		115		2		23
1214	KOONS & FRANK EXPL	HOMAN	CYPRESS	29-7N-3E	360*	4316	3.8*	567	450*	4467
1247	KOONS & FRANK EXPL	KIMBRELL-GOOD	CYPRESS	19-7N-3E	720*	2556	13.6*	231	720*	2250
1236	M-S-C- CORP	O.L. BURTSCHI	CYPRESS BETHEL	18-7N-3E	65*	1698	15.3*	258	120*	1289
1237	M-S-C- CORP	SEFTON	CYPRESS	1,12-7N-2E	100*	946	8.7*	259	100*	1094
1224	MOBIL OIL CORP.	LOUDEN	CYPRESS BETHEL BENOIST	5-7N-3E, 32-8N-3E	1999	25715	88.3	4930*	2298	17404
1227	MOBIL OIL CORP.	BUZZARD BROS.	CYPRESS BETHEL	29-8N-3E	158	1823	9.3	219*	173	1599
*1212	SHULMAN BROTHERS	LOUDEN EXTENSION	CYPRESS	34,35,36-8N-3E, 2,3-7N-3E		35840		3208*		23887
1229	TEXACO, INC.	LOUDEN SOUTH UNIT	CYPRESS	6-6N-3E,31-7N-3E	2079	18511	82.2	1976*	1626	20168
1108	TROOP DRILLING	LOUDEN EXTENSION	CYPRESS	19-8N-4E	54	666	5.1	108	18	170
1200	TROOP DRILLING	RHODES, MCCLOY	CYPRESS BETHEL BENOIST	26,27,34-8N-3E	102	5415	4.8	685	102	3358
1218	TROOP DRILLING	N. LOUDEN U	CYPRESS	20,21-7N-3E		18888	2.5+	1613	100+	13930
1219	TROOP DRILLING	S. LOUDEN U	CYPRESS	21,28,29-7N-3E	179	15445	8.5	2152	289	12123
1220	TROOP DRILLING	DURBIN, FORCE AREA	CYPRESS	24,26-8N-3E	68	2137	2.5	323*	68	854
1221	TROOP DRILLING	HIATT	CYPRESS	29-7N-3E	112	2669	2.6	479	112	2557
*1231	TROOP DRILLING	W A EAGLETON	CYPRESS	20-8N-3E		41		62		100*
LOUISVILLE N, CLAY										
* 373	MCKINNEY,FUNDERB	WOLF-PORTER	SPAR MTN	9,10-4N-6E		25		2		20
MCKINLEY, WASHINGTON										
*4011	JET OIL CO.	FREIMAN-HUNLETH	BENOIST	29-3S-4W		151		1		152
MAIN C, CRAWFORD, LAWRENCE, JASPER										
* 667	H. J. ADAMS	H.J.ADAMS W F	ROBINSON	28-8N-12W		1058				
* 602	ASHLAND O AND R	BIRDS 1	ROBINSON	9,10,15,16-5N-11W		19507		536		
* 603	ASHLAND O AND R	BIRDS 2	ROBINSON	20-5N-11W		2512		114		605
604	BELL BROTHERS	BARRICK	ROBINSON	13-7N-13W		1975	1.3	142	5	872
691	OAKTON OIL CO	OBLONG (FLOOD 29)	ROBINSON	17-7N-13W		190		65		
688	C E R PRODUCTION	OBLONG	ROBINSON	9-7N-13W	30*	892*	1.2*	86*	40*	902
619	CARMAX IND	ALEXANDER-REYNOLDS	ROBINSON	19,20-7N-12W		8450		602		2095
644	ENERGY RESOURCES	CRAWFORD CO. FLOOD	PENN BETHEL	6,7-5N-12W	120*	615	4.8*	35	108*	503
* 589	CLARENCE CATT	SPARKS WF NO. 1-M	BETHEL	13-6N-12W		258		11		119
* 616	CLARENCE CATT	MC CALL	ROBINSON	1-5N-13W		6		1		6
643	CLARENCE CATT	EAGLETON UNIT	SAMPLE BETHEL	1-5N-13W	75*	638	3.0*	28	75*	258
646	CITATION OIL CO	CONOVER	ROBINSON	19-7N-12W	90	156		5		30
* 695	JACK COLE	MULLINS	ROBINSON	9-5N-12W		15		8		11
* 609	E. CONSTANTIN	J.S. KIRK	ROBINSON	29,30,31,32-7N-12W		977		57		
* 610	E. CONSTANTIN	SMITH	ROBINSON	7-7N-12W, 12-7N-13W		337		1		1
* 607	CREST ASSOCIATES	MITCHELL	ROBINSON	24,25-7N-13W		935*		107*		125*
* 615	CREST ASSOCIATES	PORTERVILLE	ROBINSON	25,36-8N-13W		1345		44		
598	ALVA C. DAVIS	HUDSON WF	BETHEL	6-5N-12W	60*	692	1.5*	23	60*	291
* 612	D. W. FRANCHOT	BIRDS	ROBINSON	14,15,16,21,22-5N-11W		53049		1529		4250
617	R. M. FRY	WRIGHT FLOOD C	ROBINSON	23,26-6N-13W	240*	8335	8.0*	300	240*	5640
693	R. M. FRY	SHILTS FLOOD C	ROBINSON	8-6N-13W	80*	3289	4.0*	73	80*	1687
599	DON GAY	GEORGE L. WALTERS	ROBINSON	2-6N-13W	75*	1512	2.0*	28	75*	600

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow; Type (F) = Fresh (B) = Brine (M) = Mixed	
								Inj.	Prod.			
LØUDEN, EFFINGHAM, FAYETTE												
1252						02-72		*	*	*		*INCL WITH EXXØN TØTALS+EST ** PURCH FRØM EXXØN 2-72
1230	1446	25.0				08-60		4	4	80	PRØDUCED (B)	
	1528	25.0						4	4	80		
1243	1530	40.0				11-56		2	4	80	TAR SPR, PRØD (B)	
*1201	1584	20.0	17.4	126	34.0	09-56	01-63	1	1	20	PRØDUCED (B)	
1202	1530	15.0			34.0	10-57		7	11	240	TAR SPR, PRØD (B)	*INCL PRIM PRØD+EST
1209	1450	27.0			38.0	09-54		1	3	40	TAR SPR, PRØD (B)	*INJ SUSPENDED 01-01-69
1213	1400	20.0	21.0	150	38.0	07-57		4	6	100	TAR SPR, PRØD (B)	*ESTIMATED
1226	1480	30.0				09-68		2	9	140	TAR SPR,PRØD (B)	*ESTIMATED
1203	1475	30.0				08-56		1	1	20	PURCHASED (B)	*ESTIMATED
1207	1562	37.0	18.0	200		03-54	08-70	2	3	320	PRØDUCED (B)	*ESTIMATED
1215	1590	30.0				05-57		4	5	80	TAR SPR, PRØD (B)	*ESTIMATED
1217	1480	25.0	19.4	93		03-56		3	3	60	TAR SPR, PRØD (B)	*ESTIMATED
1233	1400	30.0	19.0	95		11-62		4	2	40	TAR SPR, PRØD (B)	*ESTIMATED
1204	1500	18.5	19.5	102	38.0	10-50		650	675	14700	TAR SPR, PRØD (B)	
	1580	11.6	18.3	85				360	400	7770		
	1620	15.4	19.1	109				260	280	5890		
	1660	14.1						25	25	541		
1216	1500	12.0	18.6	91	37.5	06-57		12	5	120	TAR SPR, PRØD (B)	*INCL PRIM PRØD SINCE 6-57 +EST
	1560	11.0						2	4	60		
	1580	12.0						4	5	90		
1206	1454	10.0	18.0	43	37.0	07-57		1	6	100	PRØDUCED (B)	
1244	1475	22.0			35.5	08-64		6	5	118	TAR SPRINGS (B)	
	1555	22.5						6	5	118		
	1610	27.5						3	2	50		
*1249	1550	30.0	19.0	150	38.0	06-60	12-69	1	3	40	TAR SPR, PRØD (B)	
1205	1522	20.0	19.0	90	38.0	07-57		3	3	40	TAR SPR, PRØD (B)	*ESTIMATED
1210	1504	30.0				08-57		4	4	85	TAR SPR, PRØD (B)	*ESTIMATED
1211	1540	29.0				07-57		1	1	40	TAR SPR, PRØD (B)	*ESTIMATED
1225	1500	12.0	19.0		37.0	01-59		1	1	10	PRØDUCED (B)	*ESTIMATED
1228	1504	25.0				01-58		2	3	40	TAR SPR, PRØD (B)	*ESTIMATED
1235	1475	26.0	19.0		37.0	11-61		1	1	20	PURCHASED (B)	*ESTIMATED
	1580	15.0	19.0					1	1	20		
1241	1490	68.0	20.0		38.0	11-58		1	9	50	PURCHASED (B)	*ESTIMATED
1242	1550	15.0			35.0	08-63		2	2	35	PRØDUCED (B)	*ESTIMATED
1248	1530	20.0	19.0		38.0	01-65		1	4	40	TAR SPR, PRØD (B)	*ESTIMATED
1232	1505	25.0			36.0	08-57		5	7	100	TAR SPR, PRØD (B)	
*1223	3100	18.0	14.4	41	29.0	09-43	12-66*	7	42	2600	PRØDUCED (B)	*CØNVERTED TØ GAS STØRAGE RESERVØIR
*1208	1400	18.0				11-57	12-69	2	1	70	TAR SPR, PRØD (B)	
	1540	27.0						2	1	70		
*1234	1558	11.0				05-62	12-69	1	1	10	TAR SPR, PRØD (B)	
1214	1595	28.0			36.0	08-55		2	4	80	TAR SPR, PRØD (B)	*ESTIMATED
1247	1534	22.0				01-59		2	5	80	TAR SPR, PRØD (B)	*ESTIMATED
1236	1550	15.0			39.0	09-53		4	8	60	TAR SPR, PRØD (B)	*ESTIMATED
	1580	12.0						4	7	60		
1237	1560	20.0			39.0	08-57		2	3	50	TAR SPR, PRØD (B)	*ESTIMATED
1224	1450	18.0	18.4	101	37.0	01-58		24	12	240	TAR SPR, PRØD (B)	*INCL PRIM PRØD SINCE 1-58
	1525	20.0						12	12	240		
	1550	40.0						12	12	240		
1227	1400	20.0	18.4	102	38.3	10-58		2	2	40	TAR SPR, PRØD (B)	*INCL PRIM PRØD SINCE 10-58
	1420	20.0						2	2	40		
*1212	1530	30.0	20.0	200	36.0	12-55	12-68	46	48	416	TAR SPR, PRØD (B)	*INCL PRIM PRØD SINCE 12-55
1229	1600	25.0	18.5		37.0	05-60		19	18	632	PRØDUCED (B)	*INCL PRIM SINCE 12-60
1108	1550	8.0			36.7	01-63		4	6	200	TAR SPR, PRØD (B)	
1200	1515	12.0			37.5	01-54		8	1	20	PRØDUCED (B)	
	1570	12.0						4	4	80		
	1590	10.0						6	6	120		
1218	1550	21.0	21.0	160	37.5	11-56		5	5	250	TAR SPR, PRØD (B)	*INJ CEASED 8-1-72 +EST
1219	1550	18.4	20.4	164	37.5	03-55		5	5	350	PRØDUCED (B)	
1220	1493	30.0			37.5	10-56		2	2	160	PRØDUCED (B)	*INCL PRIM PRØD SINCE 10-56
1221	1536	40.0	19.0	250	37.2	09-56		2	2	40	PRØDUCED (B)	
*1231	1520	6.0			39.4	04-61	04-71	1	2	40	TAR SPR, PRØD (B)	*SINCE 1-65
LØUISVILLE N, CLAY												
* 373	2800	10.0				11-70	05-72	1	2	30	CYPRESS (B)	
MCKINLEY, WASHINGTØN												
*4011	1050	10.0				04-65	07-69	2	2	20	PRØDUCED (B)	
MAIN C, CRAWFØRD, LAWRENCE, JASPER												
* 667	1000	22.0	18.5	98		01-58	12-58	5	4	80	LAKE, PRØDUCED (M)	
* 602	950	30.0	21.0	136	31.0	05-54	01-64	67	53	530	PENN SAND (B)	
* 603	930	25.0	21.0	125	30.8	03-57	01-66	11	9	200	GRAV, PRØD (M)	
604	960	56.0	19.2	126	34.9	10-54		4	2	40	PENN SD, PRØD (B)	*INJ CEASED 5-1-69
691	950	15.0	18.6	106	37.0	01-63		1	5	22	GRAV, PRØD (M)	*NØ DATA 1973
688	980	20.0	40.0	75	36.0	07-52		5	12	200	PRØDUCED (B)	*ESTIMATED
619	940	22.0	22.0	167	34.0	12-51		28	29	280	CYPRESS, PRØD (B)	*TEMP ABD 8-71
644	1180	7.5	17.6	324	38.0	06-68		1	4	50	PENN SD (B)	*ESTIMATED
	1380	7.8	17.3	46	36.0			2	9	140		
* 589	1350	7.0				02-64	01-70	1	1	20	PRØDUCED (B)	
* 616	820	18.0			32.0	05-66	01-70	1	3	40	PRØDUCED (B)	
643	1257	19.0	17.6		33.0	01-68		4	3	80	PRØDUCED (B)	*ESTIMATED
	1323	15.0	16.0					4	3	80		
646	930	22.0	19.0	95		06-70		5	6	40	PENN SD (B)	
* 695	925	10.0	20.0	100	33.4	12-62	12-68	2	6	100	PENN SD (B)	
* 609	900	20.0	17.0	170	34.0	08-51	06-69	14	37	56	CITY WATER (F)	*NØ DATA SINCE 1960
* 610	900	25.0	18.0	70	34.0	03-54	01-70	6	5	50	SURFACE (F)	
* 607	890	10.5	21.1	99	33.5	06-53	01-65	13	19	78	PENN SD, PRØD (B)	*NØ DATA 1963-65
* 615	890	20.0	17.0	47	32.6	04-54	01-70	5	19	50	LAKE (F)	
598	1320	10.0			35.0	04-64		2	1	20	SH SD (F)	*ESTIMATED
* 612	950	20.0	18.9	162	31.7	06-51	11-71	95	104	1030	RIVER GRAV, PRØD (M)	
617	900	15.0	20.0	245	34.0	01-53		9	16	113	PENN, PRØD (B)	*ESTIMATED
693	900	10.0	18.0	150	36.0	06-63		6	6	80	PENN, PRØD (B)	*ESTIMATED
599	930	20.0	18.1	141	32.7	10-64		5	7	70	PENN SD, PRØD (B)	*ESTIMATED

Field, County Project no. * = ABD. + = P. M.	General information: Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls): Water injection: Total 1973	Water injection: Cum. 12-31-73	Oil production: Total 1973	Oil production: Cum. 12-31-73	Water production: Total 1973	Water production: Cum. 12-31-73
MAIN C, CRAWFORD, LAWRENCE, JASPER (CONTINUED)										
* 614	GEN. OPERATIONS	LITTLEJOHN	ROBINSON	20-6N-12W		699		34		179
594	GETTY OIL CO	A.W. MANN	ROBINSON BETHEL	5,6-5N-12W,32-6N-12W	556	8502	15.6	434	500	5299
596	GETTY OIL CO	STIFLE-MCKNIGHT	ROBINSON	7,18-7N-13W	299	2246	16.1	183	179	1298
597	GETTY OIL CO	ALLEN-AMES DEEP	BETHEL AUX VASES STE GEN	29-7N-13W	559	2031	67.6	317	185	607
630	GETTY OIL CO	BIRCH 1	ROBINSON	14-6N-13W	382	5928	8.6	472	285	3604
632	GETTY OIL CO	BARRICK-WALTERS	ROBINSON	18,19-7N-12W, 13,24-7N-13W	1750	31090	39.6	1689	1210	15166
633	GETTY OIL CO	GOOD-HAWS	ROBINSON	16,17,21,22-6N-13W	117	8792	7.5	630	60	5510
* 634	GETTY OIL CO	HOWARD	ROBINSON	11-7N-13W		5713		461		5213
635	GETTY OIL CO	AMES	ROBINSON	29-7N-13W	172	2769	12.8	285	127	2488
636	GETTY OIL CO	DENNIS-HARDIN	ROBINSON	27,34-6N-13W	678	11489	12.5	841	302	7689
637	GETTY OIL CO	THOMPSON	ROBINSON	26,27-6N-13W	122	2345	4.3	258	86	2301
* 641	GETTY OIL CO	STIFLE-DRAKE	ROBINSON	9,10,16-7N-13W		8369		564		5788
645	GETTY OIL CO	M DRAKE	BETHEL AUX VASES	17-7N-13W	330	675	4.3	13	25	60
648	GETTY OIL CO	C.M. STIFLE C	BETHEL AUX VASES	8-7N-13W	122	197	1.2	3	23	47
649	GETTY OIL CO	J.G.MCKNIGHT C	BETHEL AUX VASES	18-7N-13W	94	120	2.1	6	18	36
668	GETTY OIL CO	HIGHSMITH	ROBINSON	20,21-6N-12W	297	5725	7.8	254	228	3039
* 696	GETTY OIL CO	WALTERS-STANTZ	ROBINSON	14,15-7N-13W		938		58		597
* 621	ILL. LSE. OP.	SIEHR-NEWLIN-HOUSER	ROBINSON	19-7N-13W		288		28		117
659	INLAND OIL CO	SANDERS	ROBINSON	26,34,35,36-6N-13W, 1,2,3-5N-13W		6386*		110*		1661*
* 618	G. JACKSON	STANFIELD	ROBINSON	17-8N-12W		47				5
613	KOONS & FRANK EXPL	CULVER WATERFLOOD	ROBINSON	5,6,7-7N-12W		4691		189		
590	PERRY LACKEY	QUICK MRS HARTLEROAD	ROBINSON	29-7N-12W		368		50		250
620	THE MACDONELL CO	CONDREY AREA	ROBINSON	6,7-7N-13W;12-7N-14W	400*	1815	21.7*	228	300*	1691
671	THE MACDONELL CO	KIRTLAND U	ROBINSON	5-6N-13W	100*	6529	5.1*	170	125*	1895
672	THE MACDONELL CO	KIRTLAND-DEE	ROBINSON	5,6-6N-13W	500*	11845	27.6*	847	600*	9722
623	MARATHON OIL CO.	16 PROJECTS*	ROBINSON	T6,7,8N-R12,13,14W	15846	411817	463.0	28479	10348	253408
698	MARATHON OIL CO.	THORNTON WF 21-M	BETHEL AUX VASES STE GEN	17,18,19,20,29-7N-13W	3085	17609	243.3	2419	1575	8319
* 592	MT. CARMEL DRLG.	NEW HEBRON WATERFLOOD	ROBINSON	22-6N-12W		1562		113		887
* 593	MT. CARMEL DRLG.	STEWART-INBODEN	BETHEL	36-6N-12W		133		5		32
606	OAKTON OIL CO	GROGAN (FLOOD 26)	ROBINSON	4,5,9-7N-13W		5964		422		
611	OAKTON OIL CO	OBLONG (FLOOD 25)	ROBINSON	5,8,9-7N-13W		8803		621		
669	OAKTON OIL CO	OBLONG (FLOOD 27)	ROBINSON	8-7N-13W		1308		173		
670	OAKTON OIL CO	STIFLE	ROBINSON	8-7N-13W		3010		52		
* 624	PARTLOW, COCHNOR	RICH	ROBINSON	35,36-6N-12W		2716		67		1134
* 662	PETROL. PROD. CO	RHODES	ROBINSON	29,32-8N-12W		445				
608	PRUDENTIAL OIL	TOHILL-HUGHES	ROBINSON	27,28-6N-13W	40*	6035	1.5*	401	40*	4180
* 625	RED HEAD OIL CO.	DIM	ROBINSON	25,26-3N-13W		4220*		105*		1103*
* 663	REE, INC.	MESERVE UNIT	ROBINSON	11-6N-13W		251		1		39
* 626	E. C. REEVES	BILLINGSLEY COOP	ROBINSON	34,35-7N-13W		2736*		89*		92*
* 605	M. F. ROBERTS	BISHOP C	ROBINSON	19,20-8N-12W		2208		35		
647	ROYALCO, INC.	OBLONG BENOIST	BETHEL	19,20,29,30-7N-13W	96	200	32.6	290	143	550
* 680	ROYALCO, INC.	OAK RIDGE	BETHEL	17-5N-12W		537				12*
* 681	ROYALCO, INC.	OAK RIDGE U	CYPRESS	17-5N-12W		3213		108*		893*+
* 685	ROYALCO, INC.	DENNIS HEIRS U	ROBINSON	29,30-7N-13W		22916		1032		8368
* 686	ROYALCO, INC.	C.J. BEST	ROBINSON	20,29-7N-13W		2366		109		874*
* 687	ROYALCO, INC.	STEWART HEIRS	ROBINSON	21-6N-13W		4090		289		2310
* 689	ROYALCO, INC.	HULSE-ALLEN	ROBINSON	12,13-7N-14W		397		75		424*
* 697	ROYALCO, INC.	DEES C	ROBINSON	28-6N-13W		1463		60		858
* 627	SHAKESPEARE OIL	MCINTOSH UNIT	ROBINSON	17,18,19,20-6N-12W		396		18		241
* 628	SHAKESPEARE OIL	MONTGOMERY UNIT	ROBINSON	32,33-6N-12W 4-5N-12W		516		18		177
* 664	C. E. SKILES	WALTER COMM COOP	ROBINSON	1-6N-13W, 36-7N-13W		26				29
* 661	SKILES OIL CORP.	CORRELL-GURLEY COOP	ROBINSON	10-7N-12W		1214		30		227
* 665	SKILES OIL CORP.	WEGER COOP	ROBINSON	18,19-5N-11W 13,24-5N-12W		770		8		109
* 595	JAMES M. STONE	MC CANE	ROBINSON	28-7N-12W		55		1		12
* 629	JAMES M. STONE	CLARK-HULSE	ROBINSON	18-7N-13W		5726		303		3981
631	JAMES M. STONE	BIRDS AREA	ROBINSON	16,20,21,28,29-5N-11W	400*	31845	15.0*	1504	500*	20227
639	JAMES M. STONE	LEFEVER-MUSGRAVE	ROBINSON	13-7N-14W		3489*		412*		2009*
* 638	TIDEWATER OIL CO	HENRY-IKEMIRE	ROBINSON	10,15-7N-13W		4187		470		2401
* 640	TIDEWATER OIL CO	MONTGOMERY-SEITZINGER	ROBINSON	15,16-5N-11W		1544		67		817
* 642	TIDEWATER OIL CO	WALTER-STAHL COOP	ROBINSON	13,14-7N-13W		991		111		712
* 679	WAUBAU PET. CORP	HIGHSMITH COOP	ROBINSON	31-6N-12W		153*				37*
591	WESFIELD, INC.	BIDLE	ROBINSON	25-8N-13W	32	448	1.0	19	5	124
622	E. L. WHITMER	DEES-LEWIS-WALL-YOUNG	ROBINSON	4,9-6N-13W	500*	1500	20.0*	78	500*	1100
694	WICHITA RIVER	FLYNN	ROBINSON	26,35-8N-13W	450*	3921	28.0*	477	410*	2364
* 692	GEORGE WICKHAM	PRICE,KEITH,BARLOW	ROBINSON	8,17-7N-12W		1571		59		921
MAPLE GROVE C, EDWARDS, WAYNE										
*1008	ASHLAND O AND R	BENNINGTON COOP	MCCLOSKY	7-1N-10E		572		166*		
4078	CARMAX IND	MT ERIE E	AUX VASES	22,23-1N-9E		108		10		18
4063	TRIPLE B OIL CO	HUBBLE	AUX VASES	13-1N-9E	100*	170	5.8*	9	60*	90
1025	L. URBANSKI	MAPLE GROVE	MCCLOSKY	9,10-1N-10E	10*	1238	0.5*	188	10*	1238
*4127	WINMAR OIL CO.	W BENNINGTON	AUX VASES	13-1N-9E		171*		32*		213
MARINE, MADISON										
2504	WARRIOR OIL CO.	MARINE PILOT U	SILURIAN	8,9,17-4N-6W	384	834	5.1	13	334	766
MARKHAM CITY, JEFFERSON										
*2004	GULF OIL CO	W MARKHAM CITY U	AUX VASES MCCLOSKY	3,4,9,10-3S-4E		6404		429		4477
*2003	TIDEWATER OIL CO	NEWTON	MCCLOSKY	1-3S-4E				1		7

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	Remarks
	Depth (ft)	Net pay thick-ness (ft)	Poros-ity (%)	Perme-ability (md)	Oil grav-ity (°API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow Type (F) = Fresh (B) = Brine (M) = Mixed	
								Inj.	Prod.			
MAIN C, CRAWFORD, LAWRENCE, JASPER (CONTINUED)												
* 614	850	24.0	20.0	50	37.5	10-52	12-58	4	9	60	PENN SD, PROD (B)	
594	950	20.1	20.0	150	33.0	01-64		18	19	140	BASAL PENN, PROD (B)	
	1320	9.0	16.0	40				9	6	80		
596	950	17.3	20.0	100	34.0	04-61		9	9	92	PENN SD, PROD (B)	
597	1332	10.0	14.2	30		01-70		9	5	170	PROD, FRESH (M)	
	1406	5.0	18.0	10				9	6	170		
	1434	4.0	19.6	10				9	5	170		
630	881	34.3	19.1	108	33.0	08-54		10	7	61	GRAV, PROD (M)	
632	950	30.9	20.0	152	35.0	03-54		28	36	407	PENN SD, PROD (B)	
633	930	24.3	21.0	378	35.0	09-57		4	5	174	PRODUCED (B)	
* 634	950	20.2	19.6	184	35.3	02-52	11-71	10	19	79	PRODUCED (B)	
635	980	25.3	20.0	150	35.0	10-56		7	8	153	SH SD, PROD (M)	
636	875	33.7	19.8	173	32.7	08-50		18	10	93	PURCHASED (B)	
637	860	32.9	19.8	108	33.0	09-52		8	3	40	PURCHASED (M)	
* 641	980	23.6	18.2	221	33.5	06-52	11-71	19	19	278	PENN SD, PROD (B)	
645	1364	8.0			36.8	10-71		6	2	80	SH SD, PROD (M)	
	1404	6.0						6	2	80		
648	1403	14.0	14.0	13	34.0	01-72		2	2	80	PURCHASED (B)	
	1438	12.0	11.0	2				2	2	80		
649	1412	3.0	11.5	19	34.0	09-72		1	1	20	PURCHASED (B)	
	1435	8.0	8.8	2				1	1	20		
668	920	21.2	20.0	80	35.0	04-59		11	6	140	PENN SD, PROD (B)	
* 696	950	17.1	19.0	200		06-63	11-71	4	10	67	PENN SD, PROD (B)	
* 621	896	36.0				07-63	01-73	2	5	180	PENN SD (B)	*NO DATA BEFORE 1967
659	880	20.0	21.0	205	32.0	08-52		65	57	277	PENN SD, PROD (B)	*NO DATA SINCE 1958
* 618	977	30.0	23.0	57	36.0	06-52	08-53	3	3	20	SH SD, PROD (M)	
613	950	17.0	19.5	108	36.8	02-61		13	20	126	POND, PROD (M)	*NO DATA 1973
590	935	12.0	19.3	36	37.0	11-64		4	9	60	PRODUCED (B)	*INJ SUSPENDED
620	910	21.0	20.8	165	34.4	11-66		5	29	310	PRODUCED (B)	*ESTIMATED
671	800	40.0	20.1	143	34.9	01-58		9	7	30	PENN SD, PROD (B)	*ESTIMATED
672	913	40.0	20.8	158	36.8	01-58		23	61	330	PENN SD, PROD (B)	*ESTIMATED
623	920	20.0	19.5	125	34.0	05-48		417	455	6176	GRAV, PROD (M)	*WILKIN,HUGHES,BRUBAKER,HAMILTON HARGIS,REED,FAWLEY,PRICE SMILTS WOOD,YORK,KIRTLAND,BOND,CARLTON MANN,SHIRE
698	1340	10.0	15.0	30	38.0	07-63		48	43	1410	GRAV, PROD (M)	
	1390	8.0						45	40	1410		
	1450	8.0						32	25	1050		
* 592	930	14.0	15.8	16	36.0	01-63	10-71	8	14	130	PENN SD (B)	
* 593	1310	10.0	16.0	45	34.0	03-64	07-66	2	2	50	PENN SD, PROD (B)	
606	950	20.4	18.9	71	37.0	10-53		12	22	151	GRAV, PROD (M)	*NO DATA 1973
611	950	23.2	18.3	69	37.0	08-56		23	29	174	GRAV, PROD (M)	*NO DATA 1973
669	950	15.3	17.8	33	37.0	01-58		8	8	87	GRAV, PROD (M)	*NO DATA 1973
670	950	24.4	18.9	85	37.0	01-58		5	2	27	GRAV, PROD (M)	*NO DATA 1973
* 624	1006	22.0	24.3	240	26.0	10-54	12-61	5	9	60	LAKE, PROD (M)	
* 662	1000	15.0	20.0	75	35.7	09-51	12-56	4	2	40	SH SD, POND (M)	
608	900	20.0	20.0	100	32.0	06-51		6	9	130	SH SD, PROD (M)	*ESTIMATED
* 625	840	10.5	21.2	98		07-53	12-62	16	14	103	PENN SD, PROD (B)	*1960, 1961 ESTIMATED
* 663	950	22.7	21.9	89		11-53	05-55	4	4	20	PENN SD (B)	
* 626	925	20.0	30.0	45		12-53	07-64	6	8	115	PENN SD (B)	*NO DATA FROM 1961 THRU 1964
* 605	1000	22.4	22.1	156	35.7	11-53	02-60*	26	7	70	SH FR, PROD (M)	*ESTIMATED
647	1250	8.0	16.5	20	38.0	04-71		7	14	360	PRODUCED (B)	
* 680	1590	8.0	14.0	15	35.7	10-61	05-69	1	5	420	SH WELL, PROD (M)	*INCL WITH 681
* 681	1470	15.0	18.5	57	35.9	10-61	05-69	5	6	420	SH WELL, PROD (M)	*INCL 680 +EXCEPT 1966-67
* 685	950	20.0	19.0	120	37.2	12-59	05-69	71	84	380	SH WELL, PROD (M)	
* 686	950	20.0	15.0	12	37.2	11-61	05-69	7	11	80	SH WELL, PROD (M)	*ESTIMATED
* 687	950	38.0	28.7	240	37.0	10-60	11-70	6	9	40	PRODUCED (B)	
* 689	936	50.0	18.5	74	36.8	12-61	03-69	3	5	180	PURCHASED (B)	*ESTIMATED
* 697	930	12.0	17.0	64	37.2	09-61	05-69	7	9	160	SH WELL, PROD (M)	
* 627	925	12.0			32.6	07-54	01-59	4	8	39	PENN SD (B)	
* 628	975	25.8	22.6	150	28.3	05-54	05-58	6	6	52	PENN SAND (B)	
* 664	985	12.5	20.1	93	36.0	12-51	01-53	5	6	40	PENN SD, PROD (B)	
* 661	1035	20.0	22.2	100	33.0	07-51	09-55	18	17	180	PENN SD, PROD (B)	
* 665	900	20.0	17.0	37		11-52	07-56	9	11	90	CREEK, PROD (M)	
* 595	1128	30.0	19.0	200		03-65	06-66	1	4	5	PENN SD (B)	
* 629	910	25.4	19.9	278	34.0	01-52	01-70	13	4	80	SH SD, PROD (M)	
631	950	21.8	19.4	197	30.1	02-52		51	49	764	GRAV, PROD (M)	*ESTIMATED
639	910	24.4	20.0	250	34.0	02-54		14	14	119	SH SD, PROD (M)	*ESTIMATED NO DATA 1973
* 638	935	14.6	21.0	175	35.0	07-48	12-63	24	44	104	PENN SD, PROD (B)	
* 640	979	21.0	19.0	144	32.0	05-54	12-65	6	3	64	SH SD, PROD (M)	
* 642	987	15.9	20.0	100	35.0	11-54	07-65	7	2	56	PENN SD, PROD (B)	
* 679	890	20.0	21.5	50	32.0	09-51	04-59	13	23	130	PENN SD (B)	*LAST DATA AS OF 12-31-52
591	1000	10.0	15.0	85	34.0	07-61		3	6	80	PRODUCED (B)	
622	875	15.0				01-68		14	16	300		*ESTIMATED
694	980	12.0	18.6	200	37.4	11-63		14	18	210	LAKE, PROD (M)	*ESTIMATED
* 692	1050	10.0			30.0	05-62	09-66	2	3	30	PENN SD, PROD (B)	
MAPLE GROVE C, EDWARDS, WAYNE												
*1008	3100	5.0			38.0	09-52	06-61	2	7	110	PRODUCED (B)	*INCLUDES PRIMARY PROD
4078	3170	15.0				11-68		1	1	30	PENN SD (B)	*ESTIMATED NO DATA 1973
4063	3150	12.0				09-71		2	8	110	PENN SAND,	*ESTIMATED
1025	3270	8.0			36.0	07-61		5	5	360	CYPRESS, PROD (B)	*ESTIMATED
*4127	3150	15.0	24.0	50	37.0	01-57	12-61	1	5	60	CYPRESS SD (B)	*ESTIMATED +INCL PRIM PROD
MARINE, MADISON												
2504	1725	99.0			34.0	12-70		3	7	240	PROD & SUPPLY (M)	
MARKHAM CITY, JEFFERSON												
*2004	2900	11.8	22.1	269	38.0	04-54	12-63	12	9	230	CYPRESS, PROD (B)	
	3000	7.0	15.4	230				7	7	150		
*2003	3080	6.0				08-55	12-56	1	1	40	CYPRESS (B)	*DUMP FLOOD

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
MARKHAM CITY W, JEFFERSØN										
*2020	M DØUBLE L	MARKHAM CITY WEST U	MCCLØSKY	34,35-2S-4E, 2-3S-4E		300		1		300
MARTINSVILLE, CLARK										
214	AMERICAN PUMP	FRØDERMAN AND CØNNELY	PARTLØW	13-9N-14W	28	3750*	1,2	120*		
* 218	J, B, BUCHMAN	W MØRGAN	CARPER	31-10N-13W		283				5
* 219	MØBIL ØIL CØRP,	CARPER	CARPER	30-10N-13W		1111		10*		10
* 220	MØBIL ØIL CØRP,	CASEY	CASEY	19-10N-13W		872		2		34
MASØN N, EFFINGHAM										
1104	MID-STATES ØIL PRØP	MASØN N U	BENØIST AUX VASES	9,10-6N-5E	60*	2177	3,6*	158*	60*	2213*
MATTØØN, CØLES										
* 515	ASHLAND Ø AND R	DEGLER BRØS CØØP	CYPRESS SPAR MTN	3-12N-7E		459		22		174
500	N, A, BALDRIDGE	MATTØØN	CYPRESS SPAR MTN	23,24,25,26,27,34,35, 36-12N-7E, 2,11-1N-7E	1100*	32124	26,5*	2023	1000*	12817
507	N, A, BALDRIDGE	UDELL	SPAR MTN	10-11N-7E	50*	366	1,7*	15	50*	366
512	N, A, BALDRIDGE	SØUTH MATTØØN UNIT	CYPRESS AUX VASES SPAR MTN	34-12N-7E, 3-11N-7E	600*	9825	13,7*	1170	580*	5067
* 504	DELL CARRØLL	MATTØØN	CYPRESS	23-12N-7E		189		20		88
* 506	DELL CARRØLL	MATTØØN	SPAR MTN	23-12N-7E		348		84		173
* 516	DELL CARRØLL	CARLYLE 4-A	SPAR MTN	11-11N-7E		47		25		28
523	CØLLINS BRØS,	LANDSHAW-MILL	CYPRESS SPAR MTN	27-12N-7E	180*	625	9,0*	75	180*	625
503	WALTER DUNCAN	REDMAN-MACKE	CYPRESS SPAR MTN	23-12N-7E	60*	448	2,8*	67	60*	494
511	WALTER DUNCAN	ØHM	CYPRESS SPAR MTN	2,3-11N-7E	200*	2325	21,8*	380	200*	580
514	WALTER DUNCAN	ARTHUR-ØLIVER	SPAR MTN	2-12N-7E	120*	2905	4,3*	235	120*	1211
521	WALTER DUNCAN	CØLEMAN UNIT	SPAR MTN	10-11N-7E	90*	677	4,6*	172	120*	552
520	L V Ø CØRPØRATIØN	MATTØØN CØØP	SPAR MTN	10,11-11N-7E	60*	586	3,9*	70	60*	196
* 501	PHILLIPS PET, CØ	TINSLEY	SPAR MTN	22-12N-7E		249		15		144
* 509	SAFARI ØIL CØ	NØRTH MATTØØN UNIT	CYPRESS	10,11-12N-7E		1977		157		457
519	SCHAEFER ØIL CØ,	HERKIMER	SPAR MTN	11-12N-7E	170*	834	6,4*	53	100*	687
517	STEVEN, FØRSYTHE	G, BRINING	AUX VASES SPAR MTN	3-11N-7E	50*	352*	3,5*	61*	50*	233*
MATTØØN N, CØLES										
518	ELMER M NØVAK	N,W, MATTØØN WF	SPAR MTN	22-13N-7E	125*	1326	4,5*	153	125*	1186
MAUNIE N C, WHITE										
4307	KIRBY PETRØLEUM	ACKERMAN-BØHLEBER-JSN	AUX VASES	35-5S-10E	80*	632	2,0*	64	15*	95
4328	KIRBY PETRØLEUM	ACKERMAN	AUX VASES SPAR MTN	23,26-5S-10E	120*	1145	4,2*	77	60*	531
4384	MID-STATES ØIL PRØP	MAUNIE WF U	BRIDGEPØRT BETHEL AUX VASES MCCLØSKY	24,25,36-5S-10E	550*+	5887*	15,6*+	1602*	450*+	3228*
*4282	LØUIS PESSINA	RIBEYRE ISLAND UNIT	WALTERSBURG TAR SPRINGS	19,30-5S-14W		817		180		373
4356	REBSTØCK ØIL CØ,	M B BØHLEBER	AUX VASES MC CLØSKY	26-5S-10E	65+	983 225	4,6+	141*	65+	1031*
*4220	RULEØ ØIL CØRP,	MAUNIE N U	AUX VASES	18,19-5S-14W		2640		338		
*4272	G, SCHØØNMAKER	MAUNIE W UNIT	AUX VASES	35-5S-10E, 2-6S-10E		2720*		184*		1737*
*4405	WALKER DRLG CØ,	GRAY	BETHEL AUX VASES	25-5S-10E		69		1		7
MAUNIE S C, WHITE										
4213	RHEA FLETCHER	PALESTINE UNIT	BRIDGEPØRT PALESTINE TAR SPRINGS AUX VASES	13,24-6S-10E	400*+	940* 13535	24,5*+	57+ 1721	80*	165 12150
*4230	MØBIL ØIL CØRP,	TAR SPRINGS U	TAR SPRINGS	19-6S-11E 24,25-6S-10E		4748		792*		2049
*4239	MØBIL ØIL CØRP,	MAUNIE CØØP	TAR SPRINGS	24-6S-10E		180		11*		102
*4268	MØBIL ØIL CØRP,	TAR SPRINGS U 2	TAR SPRINGS	24-6S-10E, 19-6S-11E		639		60		209
4273	BERNARD PØDØLSKY	ARNØLD UNIT	CYPRESS	7,18-6S-11E	1*	848	9,8	241	2	131
*4265	REBSTØCK ØIL CØ,	SØUTH CLEAR PØND	PALESTINE TAR SPRINGS	12-6S-10E		2097		141		428
MELRØSE, CLARK										
* 227	SHAKESPEARE ØIL	MELRØSE U	PENN	13,24-9N-13W		192		4		2
MILETUS, MARIØN										
2632	FEAR AND DUNCAN	JØNES #1	BENØIST	16-4N-4E	50*	141	2,3*	7	50*	136
MILL SHØALS, HAMILTØN, WAYNE, WHITE										
4352	AMERICAN PUMP	MCINTØSH U	AUX VASES	31-3S-8E,6-4S-8E	272	5107	13,4	433	272	3075
4386	AMERICAN PUMP	MILL SHØALS U	AUX VASES	19,20-3S-8E	266	3417	8,6	245	266	2623
4410	CØY ØIL CØ	BRØWN ET AL	AUX VASES	29,31,32-3S-8E	50*	776	4,6*	110	50*	670
1571	PAUL GRAEHLING	FYIE	AUX VASES	25-3S-7E	*	*	7,1+	29		
*1505	BARRØN KIDD	GARDNER	AUX VASES	24-3S-7E				28		
4133	SHULMAN BRØTHERS	PØØRMAN-FØX	AUX VASES	13-3S-7E;18,19-3S-8E	88	1133	10,7	89	56	360
1569	TAMARACK PET,	DAUBY-NEWBY SW	AUX VASES	36-3S-7E	218	601	51,8	95	180	258
4279	TAMARACK PET,	DAUBY-NEWBY NE U	AUX VASES	30,31-3S-8E	442	1669	33,9	155	292	601
*4411	TAMARACK PET,	E, MILL SHØALS	AUX VASES	20,29-3S-8E		1319		74		513
4183	TEXACØ, INC,	A,J, PØØRMAN 'A'	AUX VASES	19-3S-8E	153	1248	16,0	116	79	479
4337	TEXACØ, INC,	MILL SHØALS CØØP	AUX VASES	31,32-3S-8E	91	2305	5,1	183	45	866
*1506	SAM TIPPS	B,R, GRAY, TRUSTEE	AUX VASES	1-4S-7E		3211*		349		1444*
*4363	H, WEINERT EST,	MILLSHØALS UNIT	AUX VASES	30-3S-8E		6705		326		3089
4397	H, WEINERT EST,	WEST MILL SHØALS UNIT	AUX VASES	20,29,30-3S-8E	399	2428	7,5	173		
MØDE, SHELBY										
3802	DØN DURR	MØDE FIELD	BENØIST	15,16,21,22-10N-4E	48+	381	3,7+	326*	48+	381

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow / Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
MARKHAM CITY W, JEFFERSON												
*2020	3050	10.0			36.0	09-64	05-67	1	2	270	CYPRESS (B)	
MARTINSVILLE, CLARK												
214	530	25.0	24.0	43	32.0	01-56		50	42	240	LAKE (F)	*NO DATA 1959-69
* 218	1346	40.0	16.0	11	30.0	10-52	12-53	2	6	40	SH SD (F)	
* 219	1334	27.0				01-51	02-55	4	1	10	SH GRAV (F)	*INCL PRIM PROD 1-51 TO 2-55
* 220	464	25.0				08-50	12-54	8	3	23	SH GRAV, (F)	
MASON N, EFFINGHAM												
1104	2280	11.0	16.0	24	38.0	10-58		2	3	100	TAR SPR, PROD (B)	*ESTIMATED
	2344	17.0				08-65		1	1	30		
MATTOON, COLES												
* 515	1722	10.0			38.4	12-63	02-67	2	5	80	PURCHASED (B)	
	1920	10.0						2	5	80		
500	1750	13.0	16.0	84		05-52		20	25	850	PROD, SEWAGE EFF(M)	*ESTIMATED
	1950	12.0						20	28	900		
507	1980	19.0			35.0	04-66		2	2	50	PRODUCED (B)	*ESTIMATED
512	1800	14.6	20.0	54	39.0	03-62		13	18	300	GRAVEL BED (F)	*ESTIMATED
	1910	10.0						6	4	100		
	1980	11.0	12.6	97				17	19	400		
* 504	1770	9.0				04-59	12-66	4	7	100	PURCH, PROD (B)	
* 506	1970	10.0			37.0	04-59	12-66	4	7	100	PURCH, PROD (B)	
* 516	1975	12.0			36.0	05-64	01-72	1	2	35	PURCHASED (B)	
523	1785	8.0				04-61		1	2	30	PRODUCED (B)	*ESTIMATED
	2000	6.0						1	2	30		
503	1770	10.0				06-59		1	1	20	PRODUCED (B)	*ESTIMATED
	1970	9.0						2	2	40		
511	1800	20.0				08-62		5	9	160	GRAVEL BED (F)	*ESTIMATED
	1970	12.0						8	8	160		
514	1930	8.0				02-63		4	4	180	SH SD, PROD (M)	*ESTIMATED
521	1920	11.0				04-66		3	2	50	GRAV, PROD (M)	*ESTIMATED
520	1960	10.0	12.0			04-66		3	6	200	SH SD (F)	*ESTIMATED
* 501	1950	10.0	15.0	990	37.0	11-50	12-54	2	5	70	PRODUCED (B)	
* 509	1600	10.0	18.0	40	39.0	02-61	01-72	8	15	360	PENN SD (B)	*INCL PRIM PROD SINCE 2-61
519	1920	8.0			38.0	03-69		3	7	110	PENN SD (B)	*ESTIMATED
517	1920	10.0			37.0	11-64		1	3	40	PURCHASED (F)	*ESTIMATED
	1970	15.0						1	1	40		
MATTOON N, COLES												
518	1900	6.0	14.7	167	38.9	03-64		4	9	130	SH SD, PROD (M)	*ESTIMATED
MAUNIE N C, WHITE												
4307	2955	14.0			35.8	04-67		2	2	40	RIVER GR (F)	*ESTIMATED
4328	2940	20.0			36.0	06-67		2	3	50	GRAV, PROD (M)	*ESTIMATED
	3035	4.0				08-61		1	2	40		
4384	1350	10.0			34.0	08-64		1	4	40	RIVER GRAVEL (F)	*ESTIMATED +INC ALL PAYS
	2800	15.0						13	16	290		
	2950	15.0						5	8	140		
	3020	4.0						2	5	50		
*4282	2305	6.0	18.4	204	36.0	05-59	06-68	5	6	120	GRAV, PROD (M)	
	2345	10.0						3	2	50		
4356	2940	15.0		30	37.0	04-67		3	2	80	PRODUCED (B)	*INCL BOTH PAYS +EST
	3050	8.0			37.0			1	2	80		
*4220	2900	12.0				10-57	05-69	5	3	90	RIVER GRAVEL (F)	*ESTIMATED
*4272	2950	13.0	15.4	37	38.0	10-58	10-66	12	12	310	GRAVEL BED (F)	*ESTIMATED 1965-66
*4405	2830	10.0				06-65	01-67	1	2	30	PENN SD (B)	
	2940	10.0						1	2	30		
MAUNIE S C, WHITE												
4213	1390	7.0				12-70		1	1	20		*ESTIMATED
	2010	13.5				02-53	12-70	39	23	540		+INC B'PORT,TAR SPR,AUX VASES
	2240	4.0				09-71		1	1	20		
	2850	9.0				09-71		1	1	20		
*4230	2270	14.0	19.0	612	37.3	08-47	12-57	12	13	230	GRAV, PROD (M)	*INCL PRIM PROD,8-47 TO 12-57
*4239	2275	14.0			38.0	11-55	01-58	2	5	70	GRAV, PROD (M)	*INCL PRIM PROD
*4268	2275	14.0	17.0	550	37.0	11-49	12-54	3	2	50	SH GRAVEL (F)	
4273	2590	4.7	15.5	44	36.2	02-64		2	6	194	PENN SD, PROD (B)	*INJECTION CURTAILED 1973
*4265	2000	8.0			35.0	06-57	12-67	2	4	60	PENN SD, PROD (B)	
	2200	10.0						6	8	150		
MELROSE, CLARK												
* 227	845	9.0	17.0	20	34.8	12-60	08-62	5	6	105	SH SAND (F)	
MILETUS, MARION												
2632	2150	8.0				10-66		1	1	20	PRODUCED (B)	*ESTIMATED
MILL SHOALS, HAMILTON, WAYNE, WHITE												
4352	3220	21.0	20.0	195	39.0	06-62		2	5	373	GRAV, PROD (M)	
4386	3220	16.5	18.5	75	39.0	08-64		3	6	188	CREEK, PROD (M)	
4410	3225	12.0	18.0	125	37.0	11-65		3	3	60	GRAVEL (F)	*ESTIMATED
1571	3220	15.0				01-71		1*	1	40		*ADJACENT TO ACTIVE WF +EST
*1505	3245	11.0				09-56	12-62	1	2	30	HARDINSBURG (B)	*DUMP FLOOD
4133	3235	25.0			37.0	07-67		3	5	140	SH SD, PROD (M)	
1569	3200	15.0				04-71		2	6	80	SH GRAVEL (F)	
4279	3200	15.0			38.0	10-69		3	7	130	SHALLOW SD (F)	
*4411	3250	12.5	19.6	125	38.3	03-65	07-69	5	8	225	CREEK, PROD (M)	
4183	3212	16.0	22.0	130	37.0	08-64		2	3	30	GRAV, PROD (M)	
4337	3200	19.0	15.8	58	36.0	09-61		2	2	200	GRAV, PROD (M)	
*1506	3245	11.0	21.0		37.0	05-52	12-65	10	4	170	GRAVEL BED (F)	*ESTIMATED 1961-65
*4363	3200	22.0	21.0		35.8	08-62	05-69	13	8	220	GRAVEL BED (F)	*ESTIMATED
4397	3240	19.0				09-65		7	8	376	SH SD (F)	
MODE, SHELBY												
3802	1770	10.0	15.0		34.0	12-61		3	5	330	PRODUCED (B)	*INCL PRIM PROD +EST

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
MONTROSE N, CUMBERLAND										
708	EGO OIL CO	MONTROSE WF	MCCLOSKY	34-9N-7E	26	78	2.2	9	1	6
MT CARMEL, WABASH										
3855	T. H. BANE	HARRIS	BIEHL	17-1S-12W			26.3+	79		
			CYPRESS							
3887	ALVA C. DAVIS	CLAY HOELLER	CYPRESS	5-1S-12W		256	0.1	16	7	183
3890	ALVA C. DAVIS	PALMYRA U	BIEHL	5-1S-12W	227*	2785	21.5*	171	66*	1027
			TAR SPRINGS							
			CYPRESS							
3977	ALVA C. DAVIS	W. MT CARMEL	CYPRESS	18,19-1S-12W	166	1565	6.0	143	66	616
3864	FRMERS PETR COOP	SHAW	CYPRESS	7-1S-12W	36*	315	7.8*	54	15*	132
3918	FRMERS PETR COOP	WABASH UNIT	MCCLOSKY	5-1S-12W	*	425*	1.1+	87*	18+	154*
*3941	FIRST NATL PET	SHAW-COURTER	CYPRESS	7-1S-12W		259		28		9
*3946	FIRST NATL PET	SHAW-COURTER	BIEHL	7-1S-12W		364		69		148
3872	R. I. FRY	CROW-MILLER	CYPRESS	8-1S-12W	*	*	1.8+	93+		8
*3919	T. W. GEORGE EST.	NORTH MT CARMEL	CYPRESS	4,5-1S-12W		350		29		
*3958	T. W. GEORGE EST.	DUNKEL-JOHNSON	CYPRESS	32-1N-12W		400*		22		
*3884	H AND H OIL CO	C F CHAPMAN	TAR SPRINGS	7,18-1S-12W		169		10		83
3854	HAYES DRILLING CO	COTNER	CYPRESS	21-1S-12W	1*		18.8+	69+		
3882	HERMAN LOEB	CAMPBELL HEIRS	CYPRESS	7-1S-12W	50*	627	1.4*	34	50*	261
3923	LOEB & MITCHELL	CHAPMAN-COURTER U	CYPRESS	7,18-1S-12W	120*	1694	6.1*	313	120*	1093
3983	O R MEEK	MT CARMEL N U	BIEHL	4,9-1S-12W	30*	4151	1.2*	363	30*	1312
			CYPRESS							
*3921	ELMER H NOVAK	MT CARMEL U	CYPRESS	17-1S-12W		1763		129		
3862	WILLIAM PFEFFER	BAIRD-SCHULER	BIEHL	20-1S-12W	30	160	0.3	12	30	142
3922	SHELL OIL CO.	MT CARMEL U	BIEHL	17,18-1S-12W	427	13244	44.1	1700	380	10383
			CYPRESS							
*3924	SKILES OIL CORP.	W MT CARMEL	TAR SPRINGS	18,19-1S-12W		895		138		515
3863	WAYNE SMITH, OP.	MT CARMEL UNIT	BIEHL	21-1S-12W	370*	2948	30.8*	258	370*	1892
			CYPRESS							
3889	SO. TRIANGLE CO.	NORTHEAST MT CARMEL U	BIEHL	16,21-1S-12W	640*	1963	52.7*	208	250*	545
			CYPRESS							
3975	SO. TRIANGLE CO.	BAUMGART-HARE	BIEHL	1-1S-13W;6-1S-12W	80*	247	13.3*	68	35*	147
3897	SUPERIOR OIL CO.	R.V.Z. UNIT	TAR SPRINGS	8,9-1S-12W	61	145	12.2*	351	64	464
			CYPRESS		174	1260				
*3917	TAMARACK PET.	G DUNKEL	BIEHL	5-1S-12W		252*		28		42*
*3873	TEXACO, INC.	KUHN UNIT	BRIDGEPORT	16-1S-12W		301		50*		292*
			CYPRESS			680				
*3875	TEXACO, INC.	STEIN UNIT	TAR SPRINGS	5-1S-12W		411		44*		178*
			CYPRESS			449				
3876	TEXACO, INC.	GEIGER-STECKLER U	BIEHL	8,9,16-1S-12W	45	925				
3877	TEXACO, INC.	GEIGER-STECKLER U	TAR SPRINGS	8,9-1S-12W	45	399				
3878	TEXACO, INC.	GEIGER-STECKLER U	CYPRESS	8,9-1S-12W	45	1474	8.3*	368*	134*	1291*
*3879	TEXACO, INC.	COUCH-NOLLER	BIEHL	16-1S-12W		279				
*3880	TEXACO, INC.	COUCH-NOLLER	CYPRESS	16-1S-12W		227		16*		79*
*3925	TEXACO, INC.	STEIN LEASE	TAR SPRINGS	8-1S-12W		327		100		138
			CYPRESS			263				
NEW HARMONY C, EDWARDS, WABASH, WHITE										
4283	ABSHER OIL CO	CALVIN-MON UNIT	TAR SPRINGS	9-4S-14W	50*	4066*	2.2*	435*	50*	3040*
			CYPRESS							
			BETHEL							
			AUX VASES							
4313	ABSHER OIL CO	C. HUGHES	CYPRESS	17-4S-14W	220*	6209*	10.3*	495*	220*	3645*
			BETHEL							
			AUX VASES							
4335	ABSHER OIL CO	BRAMLETT	BETHEL	17-4S-14W	30	467	7.2*	77*	30*	579*
4398	ABSHER OIL CO	BRAMLETT	CYPRESS	17-4S-14W	120*	1847	8.4*	309	120*	921
			BETHEL							
*3926	ASHLAND O AND R	N MAUD(WALLACE A,B)	BETHEL	5,6,7,8-2S-13W		715		165		156
*3927	ASHLAND O AND R	RAVENSTEIN	BETHEL	32-1S-13W		99		59		8
3857	JOHN L. AULVIN	SEILER	WALTERSBURG	26,27-1S-13W	80*	596	5.9*	42	80*	583
			HARDINSBURG							
			BETHEL							
3888	N. A. BALDRIDGE	STERL U	BETHEL	16-1S-13W	50*	357	8.3*	30	50*	168
4293	BARGER ENG	FORD 'B'	CYPRESS	21-4S-14W	97*	2112*	9.2*	265*	95*	1641*
			BETHEL			411		18		181
			AUX VASES			474		170		713
3851	FRANCIS BEARD	SMITH-SEALS-SHEARER-HARE	TAR SPRINGS	32,33-1N-13W	320*	2720	28.2*	253+	320*	2720
4274	FRANCIS BEARD	J.J. BOND	CYPRESS	8-4S-14W	150*	5131	11.1*	491	140*	2328
			BETHEL							
			AUX VASES							
4316	BELL BROTHERS	SKILES	CYPRESS	16-4S-14W	49	1956	19.2	248	46	850
			BETHEL							
			AUX VASES							
4426	C. E. BREHM	JOHNSN-STALLINGS-FORD	CYPRESS	5-5S-14W	30	240	8.4	86	30	240
3987	W. E. BRUBECK	EPLER	CYPRESS	5,6-3S-13W	65*	281	9.6*	30	20*	24
			BETHEL							
			AUX VASES							
			SPAR MTN							
*4219	CALSTAR PET.	FORD 'B'	BETHEL	21-4S-14W		1113		104		
3891	R. G. CANTRELL	SCHRODT STATION S U	CYPRESS	3-2S-13W	15*	966	5.1*	63	15*	176
*3980	DELL CARROLL	FRIENDSVILLE FIELD	CYPRESS	11-1S-13W		345		80	39	134
*3982	CENTRAL EXPLR CO	FRIENDSVILLE U	CYPRESS	2,11-1S-13W		2158		328		783
4303	CONYERS OIL WELL	ALLEN GRAY 'H' C	AUX VASES	20-4S-14W		94	1.0*	86*		
4312	CONYERS OIL WELL	FITTON 'A' UNIT	AUX VASES	29-4S-14W		794		101		332
3963	COY OIL CO	KERWIN U	BIEHL	14,15,22-3S-14W	300*	7710	17.7*	1267	48*	2377
			BETHEL							
*3989	COY OIL CO	KERWIN UNIT	AUX VASES	14,15,22-3S-14W		90				
*4338	COY OIL CO	GRAY	AUX VASES	20-4S-14W		814		105*		454*
*4339	COY OIL CO	GRAY	BETHEL	20-4S-14W		150				
*4368	COY OIL CO	B. R. GRAY	CYPRESS	17-4S-14W		1958		288*		898*
			BETHEL							

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source: SD = Sand, GRAV = Gravel, PROD = Produced, SH = Shallow Type: (F) = Fresh, (B) = Brine, (M) = Mixed	
MONTROSE N, CUMBERLAND												
708	2488	10.0			36.0	02-71		1	1	40	CYP SAND (B)	
MT CARMEL, WABASH												
3855	1480	9.0				07-70			2	30		*ADJACENT TO ACTIVE WF *EST
	1980	6.0							1	30		
3887	1995	15.0			35.0	11-63		1	1	20	SH SD, PROD (M)	*INJ SHUT DOWN 7-71
3890	1510	8.0			36.0	11-63		1	7	40	SH SD, PROD (M)	*INCL ALL PAYS
	1670	10.0			37.4			1	4	50		
	2020	24.0			37.4			4	9	135		
3977	2046	10.0	17.0	83	35.0	09-61		3	4	80	SH SD (F)	
3864	2070	7.0				05-67		1	5	80	PENN SD (B)	*ESTIMATED
3918	2307	8.0				10-57		3	6	30	PRODUCED (B)	*INJ TERM, 1-72 *EST
*3941	2050	12.0				04-53	12-57	1	4	50	SH SD (F)	
*3946	1375	16.0			40.2	02-50	12-59	1	2	30	PROD, FRESH (M)	
3872	2010	11.0				01-64			2	20*		*ADJ.TO ACTIVE WF *EST
*3919	2000	14.0			35.4	08-55	12-61	3	4	70	PENN SD (B)	
*3958	2000	12.0				10-57	02-62	4	5	100	SH SD (F)	*ESTIMATED
*3884	1766	10.0			33.0	05-64	04-67	1	1	10	PRODUCED (B)	
3854	1980	7.0				07-70		1*	2	30		*ADJ TO ACTIVE WF *EST
3882	2030	11.5	17.2	32	36.0	07-64		2	3	60	SH SD, PROD (M)	*ESTIMATED
3923	2050	19.0	16.5	159	37.0	01-55		3	3	75	PRODUCED (B)	*ESTIMATED
3983	1450	13.0	18.0	200	35.7	09-61		4	7	120	RIVER, PROD (M)	*ESTIMATED
	1950	7.2	16.0	34	37.4			7	7	243		
*3921	2140	13.0				07-54	12-61	6	15	234	SH SD, GRAV (F)	
3862	1475	10.0				07-67		1	3	60	PRODUCED (B)	*PLUGGED
3922	1500	16.0	19.0	182	39.2	07-54		15	15	140	WABASH RIVER (F)	
	2075	12.5						13	22	570		
*3924	1730	6.0				10-55	07-63	3	3	70	PRODUCED (B)	
3863	1450	16.0	17.0	100	39.0	12-67		10	10	200	GRAVEL BED (F)	*ESTIMATED
	2000	10.0	18.0	150				12	12	210		
3889	1475	7.0	18.0	165	32.4	07-70		9	12	220	RIVER GRAVEL (F)	*ESTIMATED
	1980	9.0	19.0	250	36.3			4	5	230		
3975	1660	14.0				11-69		1	4	50	PRODUCED (B)	*ESTIMATED
3897	1704	11.0	18.9	221	34.8	06-71		1	1	20	RIVER GRAV (F)	*INCL BOTH PAYS
						06-63		4	5	100		
*3917	1500	6.7	15.3	310	36.6	06-52	01-58	2	3	70	SH SD, GRAV (F)	*DATA FOR 1954 EST
*3873	1350	10.0			35.0	07-64	10-68	2	1	30	GRAV, PROD (M)	*INCL BOTH PAYS
	1900	12.0						4	5	111		
*3875	1710	12.0			32.4	04-64	05-69	1	2	40	SH SD, PROD (M)	*INCL BOTH PAYS
	2010	11.0	17.0	29		04-64		2	1	73		
3876	1490	14.0			35.0	03-64		1	4	110	SH SD, PROD (M)	*INCL WITH 3878
3877	1710	12.0	18.9	221	32.4	07-64		1	1	30	SH SD, PROD (M)	*INCL WITH 3878
3878	1990	12.0			35.0	03-64		1	4	182	SH SD, PROD (M)	*INCL 3876,3877
*3879	1490	14.0			35.0	03-64	04-68	1	1	50	SH SD, PROD (M)	*INCL WITH 3880
*3880	1990	12.0			35.0	03-64	04-68	1	1	50	SH SD, PROD (M)	*INCL 3879
*3925	1710	12.0	18.9	221	32.4	03-64	08-67	3	1	116	SH SD, PROD (M)	
	2010	11.0	17.0	29	32.4			3	1	73		
NEW HARMONY C, EDWARDS, WABASH, WHITE												
4283	2350	9.0				01-59		1	2	30	GRAVEL BED (F)	*ESTIMATED
	2550	6.0						5	5	100		
	2800	6.0						3	5	80		
	2900	14.0						6	6	120		
4313	2560	17.0			37.0	11-60		4	2	80	GRAV, PROD (M)	*ESTIMATED
	2700	20.0						4	2	80		
	2820	18.0						4	3	80		
4335	2670	25.0			38.3	11-61		1	2	80	SH SD, PROD (M)	*INCL 4333, 4334; EST
4398	2552	20.0			37.0	12-63		2	2	40	SH SD, PROD (M)	*ESTIMATED
	2662	20.0						2	2	40		
*3926	2650	6.5	16.0	60	37.5	04-56	11-71	4	4	130	GRAV, PROD (M)	
*3927	2650	7.0	7.0	16	38.4	05-57	12-66	1	2	20	GRAV, PROD (M)	
3857	1900	10.0				06-66		1	2	40	PRODUCED (B)	*ESTIMATED
	2100	22.0						2	2	40		
	2400	16.0						1	1	20		
3888	2570	12.0	18.9	87	39.0	12-69		3	7	65	WATER WELL (F)	*ESTIMATED
4293	2600	9.0			36.0	03-53		1	4	50	PRODUCED (B)	*INCL ALL PAYS
	2700	9.0	13.0			03-53		1	2	20		
	2885	10.0	13.0	30		03-53		1	1	30		
3851	2000	20.0				12-60		3	13	130	PRODUCED (B)	*EST +50% OF 1960-1970 PROD, PROBABLY DUE TO WATER INJ
4274	2585	13.0	18.2	46	34.3	08-58		4	4	80	SH SD, PROD (B)	*ESTIMATED
	2705	17.0	16.0	20	36.1			5	6	110		
	2820	15.0	17.0	31	36.2			6	6	110		
4316	2550	15.0	17.5		36.9	08-61		2	2	40	SH SD (F)	
	2700	12.0	16.8					1	2	30		
	2850	18.0	19.0					4	4	80		
4426	2608	22.0			36.0	03-66		1	7	80	PRODUCED WATER (B)	
3987	2470	10.0				09-70		1	2	40	PURCHASED (F)	*ESTIMATED
	2635	11.0						1	2	40		
	2742	9.0						1	3	50		
	2858	4.0						1	2	40		
*4219	2695	12.0			37.5	03-53	04-60	1	3	40	GRAVEL BED (F)	
3891	2320	12.0			34.4	10-63		1	4	160	SH SD, PROD (M)	*ESTIMATED
*3980	2290	10.0			36.0	02-61	10-66	6	6	120	RIVER GRAV, PROD (M)	
*3982	2300	13.0	16.1	90	36.8	02-61	01-72	9	7	155	SH SD (F)	
4303	2844	7.0				04-60		1	1	30	GRAVEL BED (F)	*ESTIMATED SINCE 1968
4312	2888	4.0	16.2	25	36.4	03-60		1	1	140	GRAVEL BED (F)	*INJ TEMP SUSPENDED 4-65
3963	1800	12.0	21.0	200	33.0	10-59		6	4	130	GRAV, PROD (M)	*ESTIMATED
	2700	13.0	16.2	40				12	12	310		
*3989	2800	8.0				10-59	12-64	3	3	60	GRAVEL BED (F)	*INCL WITH 3963
*4338	2850	20.0	17.0	50		03-60	12-63	6	5	120	SH SD, GRAV (F)	*INCL 4339
*4339	2720	5.0	15.0			03-60	12-63	2	2	50	SH SD, GRAV (F)	*INCL WITH 4338
*4368	2575	10.0	16.2	116	39.0	01-63	08-68	4	4	80	GRAV, PROD (M)	*INCL FORMER PROJ 4366, 4367
	2790	9.0	14.3	50				2	2	40		

Field, County	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
Project no. * = ABD. + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
NEW HARMONY C, EDWARDS, WABASH, WHITE										
(CONTINUED)										
*4365	COY OIL CO		AUX VASES							
3931	ALVA C, DAVIS	SIEGERT BOTTOMS	BETHEL	2,3,10-3S-14W	103	4641	5,5	810	56	1931
				34,35-2S-14W						
3932	ALVA C, DAVIS	E MAUD	BETHEL	32,33-1S-13W	62	2239	5,2	423	39	1095
				4,5-2S-13W						
3933	ALVA C, DAVIS	E MAUD	CYPRESS	32,33-1S-13W;	202	4628	6,3	326	76	2284
				4,5-2S-13W						
3934	ALVA C, DAVIS	W MAUD	BETHEL	5,7,8-2S-13W		2240	2,9	497	2	393
3956	ALVA C, DAVIS	COWLING-RABER	BETHEL	17-2S-13W		109	0,4	17	1	25
*4286	ALVA C, DAVIS	CALVIN GRIFFITH C	BETHEL	8-4S-14W		285		31		216
*4326	ALVA C, DAVIS	CALVIN GRIFFITH C	AUX VASES	5-4S-14W		452		108		476
3949	J. O. DEPUTY	RABER U	BIEHL	19-2S-13W; 24-2S-14W		1300*+	1,4+	82*+		900+
*3994	B. R. DUNCAN	DUNKEL	CYPRESS	11-1S-13W		115		12		36
*3929	G R COMPANY	SHULTZ	CYPRESS	7-3S-13W		2693*		175*+		1982*+
*3930	G R COMPANY	SHULTZ	CYPRESS	7-3S-13W		516*				356*+
*4330	V, K, GALLAGHER	GREATHOUSE-WALT. UNIT	WALTERSBURG	32-4S-14W		102		122*		40
*3907	T. W. GEORGE EST.	EAST MAUD	BETHEL	32,33-1S-13W		95		55*		
*3947	T. W. GEORGE EST.	EAST MAUD	CYPRESS	32,33-1S-13W		31		55		
3976	T. W. GEORGE EST.	E MAUD	WALTERSBURG	22,27-1S-13W	6	673	1,5	151	5	172
			BETHEL			352		16		32
3874	GETTY OIL CO	KEENSBURG U	BIEHL	16,17,20-2S-13W	2664	12634	144,9	1335	1263	5102
			CLORE							
			CYPRESS							
			BETHEL							
4242	GETTY OIL CO	O. R. EVANS	BIEHL	4,5-4S-14W	86	8988	6,0	733	54	3773
			CYPRESS							
			BETHEL							
			AUX VASES							
			MCCLOSKY							
4354	GETTY OIL CO	WABASH RIVERBED U	BIEHL	33-3S-14W	185	2561*	12,7*	185*	189*	1317*
			CYPRESS							
			AUX VASES							
4290	LYLE GILLIATT	M E GLAZE COOP	TAR SPRINGS	5,17-4S-14W		1182		612+		26
			CYPRESS			366				
			BETHEL			2352				
			AUX VASES			11730				
*3955	IND. FARM BUR.	LANDIS-GOINS	CYPRESS	3-2S-13W		62		11		108
3556	J&H OIL CO	SCHAUF	CYPRESS	30-2S-13W			20,8+	49		
3959	W. J. KING	KEENSBURG U	CYPRESS	9-2S-13W	25*	9777	1,6*	840	25*	5633
3886	HERMAN LOEB	N MAUD U	CYPRESS	13,24-1S-14W	175*	1416	27,6*	226	175*	1199
			OHARA							
3961	HERMAN LOEB	A E SCHULTZ 'A'	CYPRESS	8,17-2S-13W	100*+	1952	9,3*	453*	190*	1662*
			BETHEL		160*	2367				
4218	HERMAN LOEB	FORD	AUX VASES	20,21,22-4S-14W		239*		465*		
4294	HERMAN LOEB	GRAY 'C', 'H'	TAR SPRINGS	17,20,21-4S-14W	70*	6560	3,1*	876+	70*	4368
			CYPRESS							
			BETHEL							
			AUX VASES							
4305	HERMAN LOEB	FORD 'A'	WALTERSBURG	16,21-4S-14W	100*+	5414*+	5,0*+	425*	100*+	100*+
			TAR SPRINGS							
			CYPRESS							
			BETHEL							
			AUX VASES							
4329	HERMAN LOEB	M.S. DONALD	BETHEL	21-4S-14W	50*	1029	5,2*	290	100*	100
			AUX VASES		50*	1377				
3866	LOEB & MITCHELL	COWLING U	BIEHL	19,20,29,30-2S-13W	610*+	17362	35,4*+	2246*	300*+	9620*
			CYPRESS			5293				
3988	LOEB & MITCHELL	WALTERS	TAR SPR	23-1S-13W	130*	765	16,4*	55	130*	765
3896	LUBOIL COMPANY	HELM C	TAR SPRINGS	22-3S-14W	29	1114				
3936	LUBOIL COMPANY	HELM	CYPRESS A	22-3S-14W	12	1962				
3937	LUBOIL COMPANY	HELM C	CYPRESS C	22-3S-14W	69	2962				
3935	LUBOIL COMPANY	HELM C	AUX VASES	22-3S-14W	62	6948	51,8*	4392*		
3939	LUBOIL COMPANY	HELM	BETHEL	22-3S-14W	88	8389				
*3940	LUBOIL COMPANY	HELM C	WALTERSBURG	22-3S-14W		3306				
3965	LUBOIL COMPANY	HELM	BIEHL	22-3S-14W	12	614				
4416	W, C, MCBRIDE	INDIANA STATE-EVANS	CYPRESS	4-4S-14W	14	178	4,4	44	18	364
4226	ELMER M NOVAK	CALVIN	CYPRESS	5,8-4S-14W	80*	2309	11,6*	2903	200*	4504
			BETHEL		30*	2897				
			AUX VASES		90*	11321				
3561	O H AND F OIL CO	KEENSBURG U	BIEHL	19-2S-13W		184	10,0*	147+		184
4227	PAM-ARK	BOWMAN'S BEND UNIT	TAR SPRINGS	15,16,21,22-5S-14W	160*	9905	7,3*	2461	160*	6301
4276	PAM-ARK	O. SMITH 1,4,11	CYPRESS	4-4S-14W	90*	913*	5,6*	99*	90*	323
			BETHEL							
			AUX VASES							
4275	POOL OIL CO.	CALVIN CONSLD	TAR SPRINGS	9,16-4S-14W	70*	10796	4,0*	1720	70*	7253
			CYPRESS							
			BETHEL							
			AUX VASES							
3974	PRUDENTIAL OIL	FRIENDS GROVE U	BIEHL	3-1S-13W;34-1N-13W	100*	2763*	4,0*	203	100*	1725
			JORDAN							
			CYPRESS							
3955	PRUDENTIAL OIL	FOST-LEY UNIT	BIEHL	3-1S-13W	40*	2077	3,0*	217	40*	976
			CYPRESS			473		131		233
*3967	RK PET. CORP.	COWLING U	CYPRESS	23,25,26,35,36-2S-14W		2867		467		605
4317	REBSTOCK OIL CO.	CROSSVILLE LEASE	CYPRESS	20-4S-14W	50*	2674	1,6*	52	50	1175
			BETHEL							
			AUX VASES							
4393	REBSTOCK OIL CO.	DALY 'A'	CYPRESS	17-4S-14W	150*	1463	7,3*	143	150*	1076
			BETHEL							
			AUX VASES							
4401	REBSTOCK OIL CO.	NATIONAL BANK WF U	TAR SPRINGS	19,20,29-4S-14W	20*	605*	2,7*	175*	20*	238*
1009	M V RING	J SCHROEDER	BETHEL	22,27-2S-14W	170*	902	8,9*	55+	170*	450
3870	HUBERT ROSE	MAUD NW UNIT	WALTERSBURG	27,34-1S-13W	100*	1768	5,6*	200	100*	500
3593	HUBERT ROSE	MAUD U	WALTERSBURG	34,35-1S-13W	100*	1485*	4,4*	374*	100*	841*
			CYPRESS							
3995	HUBERT ROSE	J.W. REISINGER	CYPRESS	4-2S-13W	30*	256	0,5*	106	30*	256
3962	ROSSI OIL CO.	4 W	CYPRESS	26-1S-13W	64	755	12,7	194	64	755

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow; Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
NEW HARMONY C, EDWARDS, WABASH, WHITE (CONTINUED)												
*4368	2900	16.0	18.0	125				4	4	80		
3931	2680	18.0	17.0	75	36.0	10-51		10	10	300	GRAV, PROD (M)	
3932	2520	8.5	17.0	57	37.0	04-52		5	11	170	GRAV, PROD (M)	
3933	2400	8.0	18.5	75	37.0	11-52		3	8	80	GRAV, PROD (M)	
3934	2620	12.0	17.2	57	36.0	10-50		20	26	60	GRAV, PROD (M)	*INJ SHUT DOWN 4-72
3956	2549	15.0			37.0	05-57		1	1	20	GRAV, PROD (M)	*INJ SHUT OFF 5-11-69
*4286	2680	10.0			33.0	09-59	09-70	2	1	40	GRAV, PROD (M)	*INJ TEMP DISC 12-64
*4326	2855	20.0			36.0	06-60	08-70	1	1	35	GRAV, PROD (M)	
3949	1740	15.0	20.6	39	37.0	10-56		1	4	50	SH SD (F)	*NO DATA SINCE 1958 +EST
*3994	2100	15.0			36.4	11-62	12-65	1	1	20	SH SD, PROD (M)	
*3929	2600	20.0	18.0	50	38.0	07-51	12-62	2	5	70	GRAV, PROD (M)	*NO DATA AFTER 1959 +INCL 3930
*3930	2500	10.0	17.0	100	38.0	05-52	12-62	1	2	30	SH SD, PROD (M)	*NO DATA AFTER 1959 +WITH 3929
*4330	2215	12.0	19.0	140		01-55	09-63	1	1	50	SH SD, PROD (M)	*INCL PRIM PROD 1-55 TO 9-63
*3907	2500	15.0	17.0	57	36.1	07-52	12-56	2	7	90	SURFACE (F)	*INCL PRIM PROD 7-52 TO 12-56
*3947	2400	12.0				01-55	12-57	1	3	40	SURFACE (F)	
3976	1950	5.0	17.8		37.0	12-64		1	6	90	RIVER GRAV, PROD (M)	
	2410	10.0	17.0		39.0		08-68	3	7	120		
3874	1700	11.0	12.0	82	35.0	01-68		62	36	210	SH GRAV, PROD (M)	
	1775	8.0	12.0	56				11	11	230		
	2420	26.0	15.0	72				16	34	680		
	2550	10.0	12.0	15				28	20	500		
4242	1500	17.7	14.7	26		10-57		10	4	110	GRAV, PROD (M)	
	1800	21.0				12-61		5	6	120		
	2660	23.0				12-61		6	5	120		
	2300	19.4				10-49		8	5	170		
	2400	21.2				10-49		4	2	120		
4354	1825	28.0	12.5	20		09-60		8	2	47	SH SD, PROD (M)	*ALL VALUES ARE 21 PER CENT OF TOTAL, REMAINDER IN POSEY CO INDIANA
	2530	35.0	19.0	100				1	2	47		
	2780	29.0	19.2	50				1	2	47		
4290	2215	9.0			36.4	12-59	01-68	3	3	60	SH SD, PROD (M)	*NO INJ 1973
	2570	11.0					01-68	6	6	120		
	2670	25.0						8	9	170		
	2825	12.0						8	9	170		
*3955	2340	7.0			36.0	03-57	01-60	1	2	20	PRODUCED (B)	
3856	2450	20.0				01-70		1*	3	30		*ADJ TO EXISTING WF +EST
3959	2420	22.0	20.0	200		11-58		7	5	270	GRAV, PROD (M)	*ESTIMATED
3886	2500	11.0	16.5	115	37.0	06-64		2	6	100	PRODUCED (B)	*ESTIMATED
	2850	9.0						1	4	80		
3961	2424	12.0	19.3	268	38.0	03-59		6	8	100	SH SD, PROD (M)	*INCL,DROPPED PROJ 3960 DATA EST
	2540	20.0	15.3	41				5	7	100		
4218	2840	18.3	15.0	20	33.1	01-56		1	2	200	SH SD (F)	NO DATA SINCE 1970
4294	2220	10.0				05-60		3	2	50	GRAVEL BED (F)	*ESTIMATED + OPERATOR REPORTS LITTLE OIL FROM CYPRESS AND BETHEL
	2580	11.0						7	5	120		
	700	9.0						4	3	70		
	2840	18.0						9	9	180		
4305	2140	8.4	19.0		37.5	11-60		2	1	40	GRAVEL BED (F)	*EST +INCL ALL PAYS
	2200	9.3	15.5					1	2	40		
	2580	13.3	16.0	32				4	2	80		
	2700	14.7	16.0					1	2	30		
	2820	15.5	15.0	20				5	5	100		
4329	2695	9.0	15.0	15	37.0	09-61		2	4	60	GRAV, PROD (M)	*ESTIMATED
	2830	20.0	14.0	23	37.0			2	3	105		
3866	1700	8.7	19.6	126	37.0	01-65		17	31	526	SH SD, PROD (M)	*INCL BOTH PAYS +EST
	2460	11.1	19.2	59	37.0			18	31	801		
3988	1945	12.0				08-68		1	5	60	PRODUCED (B)	*ESTIMATED
3896	2150	20.0				04-61		3	2	80	GRAVEL BED (F)	*INCL WITH 3938
3936	2520	8.0				11-52		5	4	120	GRAVEL BED (F)	*INCL WITH 3938
3937	2550	10.0				10-54		5	5	120	GRAVEL BED (F)	*INCL WITH 3938
3938	2640	14.0	17.1	44		12-51		17	9	260	GRAVEL BED (F)	*INCL 3896,3936,3937,3939,3940
3939	2640	14.0	17.1	44		12-51		17	8	255	GRAVEL BED (F)	*INCL WITH 3938
*3940	2115	25.0	20.1	171		12-50	09-64	5	3	80	GRAVEL BED (F)	*INCL WITH 3938
3965	1800	15.0				06-59		2	1	40	GRAVEL BED (F)	*INCL WITH 3938
4416	2698	30.0	18.0	150		07-67		1	1	20	PENN SD, PROD (B)	
4226	2550	10.0				06-57		6	9	180	RIVER GRAVEL (F)	*ESTIMATED
	2660	10.0				11-52		3	4	80		
	2800	15.0				11-52		8	8	160		
3861	1718	12.0			35.9	01-68		4	3	40	PRODUCED (B)	*EST +AFFECTED BY ADJAC,WF
4227	2260	19.5	17.9	120	37.5	12-53		4	6	200	GRAV, PROD (M)	*ESTIMATED
4276	2550	14.0				06-59		3	4	80	SH SD, GRAV (F)	*ESTIMATED
	2680	16.0						1	3	50		
	2807	24.0						1	2	40		
4275	2210	10.0	7.0	50		09-58		1	1	5	SH SD, PROD (M)	*ESTIMATED
	2575	6.5						3	3	62		
	2700	11.0						8	8	170		
	2810	18.0						9	9	180		
3974	1716	18.0				03-61		6	4	120	GRAV, PROD (M)	*ESTIMATED
	1761	16.0	18.0	61				1	1	20		
	2269	13.0						6	4	120		
3985	1710	8.0	15.0	75	32.0	03-61		3	2	70	SH SD, PROD (M)	*ESTIMATED
	2310	14.0	16.0	50			12-64	3	2	60		
*3967	2550	22.0	15.0	36	38.4	08-60	07-70	7	4	160	SH SD, PROD (M)	
4317	2578	19.0			36.0	04-61		1	1	20	SH SD, PROD (M)	*ESTIMATED
	2672	19.0						1	1	20		
	2845	18.0						2	2	40		
4393	2580	10.0			36.0	07-63		1	1	20	SH SD, PROD (M)	*ESTIMATED
	2680	13.0						1	2	40		
	2830	10.0						1	2	40		
4401	2330	8.0				04-64		3	5	90	SH SD (F)	*ESTIMATED
1009	2730	20.0				02-69		2	9	130	PENN SD (B)	*ESTIMATED +INCL PRIM SINCE 2-69
3870	1937	16.0	16.0	200		02-65		5	2	200	SH SD, PROD (M)	*ESTIMATED
3893	1937	8.0	16.0	320		11-63		3	3	70	GRAV, PROD (M)	*ESTIMATED
	2248	8.0	18.8	83				4	4	80		
3995	2413	9.0				06-62		1	1	10	PRODUCED (B)	*ESTIMATED
3962	2303	14.0			35.0	10-59		5	5	50	PRODUCED (B)	

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
NEW HARMONY C, EDWARDS, WABASH, WHITE (CONTINUED)										
*3892	ROYALCO, INC.	SCHROOT STATION MID U	CYPRESS	34,35-1S-13W		560		123		214*
*4300	ROYALCO, INC.	REEVES UNIT C	CYPRESS	28-3S-14W		2656		161		976
			AUX VASES							
			MCCLOSKY							
4392	ROYALCO, INC.	CALVIN WATERFLOOD C	AUX VASES	22-4S-14W	22	695	5.6	172	12	56
*3928	SHAKESPEARE OIL	BRINES U	BETHEL	17,20,21,28,29-1S-13W		8754		1457		5255
4216	JOE SIMPKINS OIL	MON-BUMP-CRAWFORD	CYPRESS	32,33-3S-14W,5-4S-14W	80*	3181*	13.3*	742 +	200*	4364*
			BETHEL		40*	357*				
			AUX VASES		80*	3175*				
*4217	JOE SIMPKINS OIL	ARROW-MC BRIDE ETAL	MCCLOSKY	5-3S-14W,32,33-4S-14W		762		1		
4320	JOE SIMPKINS OIL	BOULTINGHOUSE	TAR SPRINGS	9,16,17-4S-14W	40*	11997*	1.9*	770*	45*	9052*
			CYPRESS							
			SAMPLE							
			BETHEL							
			AUX VASES							
*1016	SKILES OIL CORP.	SIEGERT BOTTOMS	CYPRESS	34-2S-14W		62				
*3957	SKILES OIL CORP.	BROSTER 'F'	CYPRESS	35-2S-14W		186		36	1	42
*4222	SKILES OIL CORP.	SMITH-DAVENPORT	CYPRESS	15-4S-14W		147		4		2
*4287	SKILES OIL CORP.	CALVIN-GRIFFIN	CYPRESS	8-4S-14W		1				27
*4288	SKILES OIL CORP.	CALVIN GRIFFIN	AUX VASES	8-4S-14W		109		4		23
3935	SOHIO PETROLEUM	O G UPDEGRAFF 'A'	CYPRESS	14-3S-14W	493	6583	18.3	1686	670	13006
			BETHEL			198				
			MCCLOSKY			393		17		42
3997	SOHIO PETROLEUM	U.G. UPDEGRAFF 'A'	AUX VASES	14-3S-14W		429	4.4	92	2	182
3885	STONE OIL CO	AKIN FLOOD	CYPRESS	7-3S-13W	123	872	9.5	50	75	273
			BETHEL							
			AUX VASES							
			MCCLOSKY							
3895	STONE OIL CO	EPLER FLOOD	WALTERSBURG	6-2S-13W	109	1325	3.8	291	94	906
*4223	SUN OIL CO.	GREATHOUSE	MCCLOSKY	33-4S-14W, 4-5S-14W		1088		129		227
*4269	SUN OIL CO.	FORD 'A' WATERFLOOD	MCCLOSKY	18-5S-14W		58		13		1
*4235	SUPERIOR OIL CO.	KERN-HON UNIT	TAR SPRINGS	32,33-4S-14W		1986		536		891
*4236	SUPERIOR OIL CO.	NEW HARMONY FIELD U	AUX VASES	21,27,28,29,32,33,34-4S-14W,3,4,5-5S-14W		16673				
*4237	SUPERIOR OIL CO.	NEW HARMONY FIELD U	BETHEL	26,27,28,29,32,33,34-4S-14W,3,4,5-5S-14W		32327				
4238	SUPERIOR OIL CO.	WALTERSBURG SAND UNIT	WALTERSBURG	4,5,9-5S-14W	466*	17907*		1620*		2658
4280	SUPERIOR OIL CO.	FORD UNIT	DEGONIA	7,8-5S-14W	155	1373	9.8*	815*	87*	1338*
			WALTERSBURG	8-5S-14W	18	313				
			BETHEL	7,8-5S-14W		27				
			AUX VASES	7,8-5S-14W		2619				
4302	SUPERIOR OIL CO.	N.M.R. UNIT	TAR SPRINGS	9-5S-14W	5	285	3.3	37		22
4311	SUPERIOR OIL CO.	NORTHEAST UNIT	TAR SPRINGS	14,22,23,26,27,34-4S-14W		283	156.0*	1665*	1021*	5528*
			CYPRESS		630	6736				
			BETHEL			267				
			AUX VASES		66	1442				
			MCCLOSKY		496	3736				
4390	SUPERIOR OIL CO.	NEW HARMONY FIELD U	PENN	27,28,29,32,33,34-4S-14W; 3,4,5-5S-14W	78	309	389.1*	14047*	3319*	39878*
			CYPRESS		3763*	34252*				
4391	SUPERIOR OIL CO.	NEW HARMONY FIELD U	WALTERSBURG	28,33,34-4S-14W	844	5504				
			TAR SPRINGS	27,28,33,34-4S-14W	457	2136				
3948	A. K. SWANN	MEIL	CYPRESS	7,18-3S-13W	135	2562	26.6	650	110	938
*4333	TEXACO, INC.	BRAMLETT	TAR SPRINGS	17-4S-14W		163		49*		460*
*4334	TEXACO, INC.	BRAMLETT	CYPRESS	17-4S-14W		443				
*4371	TEXAS AMERICAN	FORD	AUX VASES	21-4S-14W		229		131		44
3910	UNIVERSAL OPRTNG	PARMENTER	CYPRESS	5-2S-13W	30*	174	3.2*	17	30*	174
			BETHEL							
3986	UNIVERSAL OPRTNG	BUMP	CYPRESS	5-2S-13W	120*	1620	20.4*	220	100*	1600
			BETHEL							
4341	WEST DRILLING CO	D. EVANS	MCCLOSKY	4-4S-14W	80*	1200	3.1*	143*	80*	80
*1028	GEORGE WICKHAM	SCHROEDER	WALTERSBURG	26,27-2S-14W	50*	1942	1.3*	283	50*	528
			CYPRESS							
*3981	CHARLES P. WOOD	G A STURMAN	BIEHL	10-1S-13W		398		76		119
			CYPRESS							
NEW HAVEN C, WHITE										
*4247	ATLANTIC RICHFLD	NEW HAVEN U	TAR SPRINGS	17-7S-11E		1844		696		73
			CYPRESS							
4289	ALVA C. DAVIS	GREATHOUSE ISLAND U	TAR SPRINGS	7-7S-11E, 7-7S-14W	43*	406*	2.7*	43*	20*	98*
			CYPRESS							
4351	FRMERS PETR COOP	WASEM	TAR SPRINGS	24-7S-10E		590		22		155
4388	FRMERS PETR COOP	DEAD RIVER UNIT	TAR SPRINGS	13,18-7S-10E	40*	828	4.0*	449	40*	311
4278	SUN OIL CO.	G.N. BOETTICHER	CYPRESS	19-7S-11E	2	122	3.5	120	6	128
NEW MEMPHIS, CLINTON										
417	ELMER OELZE	NEW MEMPHIS SEC.REC.	DEV-SIL	34,35-1N-5W;3,4-1S-5W	750*	4550	35.9*	206	750*	2250
OAKDALE, JEFFERSON										
*2014	TEXACO, INC.	GREEN-VANDERMEID	AUX VASES	12-2S-4E		554		17		247
OAKDALE N, JEFFERSON										
2018	ILL. LSE. OP.	NORTH OAKDALE UNIT	MCCLOSKY	3-2S-4E	65*	973	11.3*	315	120*	851
OAK POINT, CLARK, JASPER										
* 223	M AND E DRLG. CO	B. FINNEY	AUX VASES	31-9N-14W		73		7		81
225	M AND E DRLG. CO	FINNEY-PING-WARD	AUX VASES	31-9N-14W	280*	3746	6.1*	187	280*	3425
ODIN, MARION										
*2600	ASHLAND O AND R	ODIN UNIT	CYPRESS	1,12,13-2N-1E;6,7,18-2N-2E		8034		1321		
OLD RIPLEY, BOND										
6	E. & B. MORRIS	RIPLEY U	PENN	21,28-5N-4W	10*	1118	0.5*	84	10*	345
OLNEY C, JASPER, RICHLAND										
*3426	BELL BROTHERS	DUNDAS SOUTH UNIT	SPAR MTN	3,10-4N-10E		4020		226		3090
*3435	O T DRILLING	NORTH OLNEY U	SPAR MTN	28,32-4N-10E		330		31		81

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source: SD = Sand, GRAV = Gravel, PROD = Produced, SH = Shallow; Type: (F) = Fresh, (B) = Brine, (M) = Mixed	
NEW HARMONY C, EDWARDS, WABASH, WHITE (CONTINUED)												
*3892	2320	12.0			33.9	10-63	05-70	5	6	180	SH SD, PROD (M)	*EST 1965-67 DATA ONLY
*4300	2598	18.0			35.6	01-61	01-72	5	4	150	SH SD, PROD (M)	
	2800	13.0				01-61	01-69	1	2	20		
	2910	10.0				01-61	01-69	1	2	60		
4392	2830	20.0	11.7	7	36.5	03-63		2	2	100	SH WELL (F)	
*3928	2600	17.0	16.0	35	35.0	08-56	02-69	35	32	524	SH SD, PROD (M)	
4216	2600	9.0	15.0	8	35.0	09-56		12	8	240	GRAVEL BED (F)	*ESTIMATED
	2650	11.0						3	2	60		
	2800	14.3						9	11	200		
*4217	2900	9.4			34.5	09-56	12-59	4	7	120	GRAVEL BED (F)	
4320	2200	15.0			36.0	11-59		3	2	50	GRAVEL BED (F)	*ESTIMATED
	2580	11.5	17.0	30				13	13	280		
	2690	10.0	11.0	13				3	3	60		
	2710	15.0	11.0					3	2	60		
	2830	18.0	20.0					15	15	320		
*1016	2566	12.0				08-58	02-62	1	2	30	GRAV, PROD (M)	
*3957	2531	13.0	17.0	20	39.5	10-56	04-66	2	1	20	GRAV, PROD (M)	
*4222	2630	10.0	17.7	145		05-55	10-57	1	2	30	TAR SPR, PROD (B)	
*4287	2552	10.0				09-59	12-62	1	2	30	GRAV, PROD (M)	
*4288	2800	20.0				09-59	12-64	2	2	40	GRAV, PROD (M)	
3935	2500	25.0	21.0	200	39.0	10-55		2	4	120	PRODUCED (B)	
	2640	7.0	17.7			06-66		2	2	60		
	2860	4.0				06-64		1	2	60		
3997	2770	10.0	19.0			06-62			2	100	PRODUCED (B)	
3885	2480	14.0				08-70		3	5	80	PRODUCED, FRESH (M)	
	2640	18.0						2	1	40		
	2750	22.0						1	3	40		
	2830	10.0						2	1	60		
3895	2075	16.0	20.0	140	36.8	04-63		2	2	60	PENN SD, PROD (B)	
*4223	2900	5.0			36.9	08-47	02-57	1	2	90	GRAVEL BED (F)	
*4269	2900	7.0			38.0	05-48	07-52	1	1	40	GRAVEL BED (F)	
*4235	2250	13.3	17.3	85	37.4	02-54	01-70	1	1	121	GRAVEL BED (F)	
*4236	2830	8.9	17.9	48	37.0	11-56	01-70	33	32	660	RIVER GRAV, PROD(M)	*INCL WITH 4390
*4237	2710	12.4	15.4	32	37.0	11-56	01-70	33	48	1000	RIVER GRAV, PROD (M)	*INCL WITH 4390
4238	2206	43.0	19.2	475	38.0	10-53		1*		333	GRAV, PROD (M)	*ILLINOIS PORTION OF PROJ
4280	1930	6.0	16.0	50	36.0	11-65		5	9	100	GRAV, PROD (M)	*INCL ALL PAYS
	2244	8.0	18.0	47	36.0	08-66		2	3	40		
	2746	5.0	15.0	32	36.0	11-65		1	1	20		
	2872	12.7	18.1	43	37.8	02-59		4	6	120		
4302	2207	10.0	18.0	46	37.0	02-66		1	1	80	GRAVEL BED (F)	
4311	2193	8.0	16.0	40	36.0	02-66	05-70	1	8	160	GRAV, PROD (M)	*INCL ALL PAYS
	2600	12.0	18.0	100				2	12	240		
	2741	10.0	16.0	37			06-68		1	70		
	2850	19.0	15.0	12	36.0	12-66		8	30	90		
	2886	7.0	14.0	295		10-66		2	10	100		
4390	707	9.0	20.1	159	33.0	07-70		3	3	60	RIVER GRAV, PROD (M)	*INCL 4236,4237,4391
	2550	10.0	17.0	37	37.0	08-64		106	109	3138		
4391	2120	10.0	18.0	47	37.0	08-64		15	30	400	RIVER, PROD (M)	*INCL WITH 4390
	2210	8.0	17.0	40	37.0	08-65		12	15	220		
3948	2450	15.0				11-55		6	11	140	GRAVEL BED (F)	
*4333	2296	16.0			38.3	11-61	01-68	2	4	80	SH SD, PROD (M)	*INCL WITH 4334
*4334	2670	25.0			38.3	11-61	12-68	2	3	80	SH SD, PROD (M)	*INCL WITH 4335
*4371	2830	25.0				02-63	12-67	1	2	30	GRAV, PROD (M)	
3910	2410	13.0			36.9	04-67		1	1	20	PRODUCED (B)	*ESTIMATED
	2530	7.0						1	1	20		
3986	2400	15.0				01-62		1	4	70	PRODUCED (M)	*ESTIMATED
	2540	10.0						1	4	60		
4341	3000	5.0				10-49		1	4	50	GRAVEL BED (F)	*DATA SINCE 1951 ESTIMATED
*1028	2150	12.0				06-64	06-73	3	6	120	SH SD, PROD (M)	*ESTIMATED
	2640	12.0						2	4	60		
*3981	1780	10.0	16.3	25	33.0	03-61	08-68	1	1	20	PURCH, PROD (B)	
	2235	12.0						2	1	30		
NEW HAVEN C, WHITE												
*4247	2090	7.0	17.5	50	39.0	07-54	05-68	2	4	175	SH SD (F)	
	2435	10.0						10	10	325		
4289	2148	24.0	18.0	48	37.0	01-66		3	2	60	RIVER GRAV (F)	*ILL PORTION OF PROJ WHICH IS 13.9% OF TOTAL
	2476	10.0	14.8	17				2	1	30		
4351	2135	10.0	18.0	350	37.0	07-62		1	3	90	GRAVEL BED (F)	*OPERATION SUSPENDED 1970
4388	2200	6.0	19.0	98	38.0	09-64		3	7	78	GRAVEL BED (F)	*ESTIMATED
4278	2435	12.0	15.0	45	36.0	08-59		1	4	40	SH SD (F)	
NEW MEMPHIS, CLINTON												
417	1960	99.0				06-68		3	23	580	SALEM, PROD (B)	*ESTIMATED
OAKDALE, JEFFERSON												
*2014	2870	15.0	20.2	120	36.5	08-61	12-64	3	2	100	PENN SD, PROD (B)	
OAKDALE N, JEFFERSON												
2018	2931	10.0				06-64		4	7	290	POND, PROD (M)	*ESTIMATED
OAK POINT, CLARK, JASPER												
* 223	1180	20.0			36.6	10-58	12-60	2	6	80	PENN SD (B)	
225	1190	12.0	13.1	40	36.6	04-67		20	12	220	GRAVEL BED (F)	*ESTIMATED
ODIN, MARION												
*2600	1700	15.0	20.0	78	38.0	10-49	10-62	14	22	230	TAR SPR, PROD (B)	
OLD RIPLEY, BOND												
6	600	20.0			36.0	09-57		10	11	110	SH SD, PROD (M)	*ESTIMATED
OLNEY C, JASPER, RICHLAND												
*3426	2991	4.7	15.4	281	40.0	09-63	01-73	10	7	740	PENN SD (B)	
*3435	2950	6.0				09-66	12-72	3	4	210	SH SD, CREEK (F)	*ESTIMATED 1969-1972

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
OLNEY C, JASPER, RICHLAND (CONTINUED)										
*3407	GULF OIL CO	EAST DUNDAS UNIT	MCCLOSKY	25,26,35,36-5N-10E		953		152		207
*1903	ILL. LSE. OP.	BESSIE	MCCLOSKY	23-5N-10E		251		44		225
*1904	SOHIO PETROLEUM	DUNDAS EAST UNIT	OHARA	14-5N-10E		2003		142		1378
*3408	TEXACO, INC.	EAST OLNEY	MCCLOSKY	23,24,25,26-4N-10E		3834		269		1286
3420	TEXACO, INC.	OLNEY WATER FLOOD	MCCLOSKY	27-4N-10E	84	4554	8.0	615	84	3507
*1914	TRI-STATE CASING	MILLER-EUNICE	MCCLOSKY	23-5N-10E		1339		57		908
OLNEY S, RICHLAND										
*3422	H V RING	KURTZ-MARTZ	MCCLOSKY	28-3N-10E		32				
OMAHA, GALLATIN										
1447	AMERICAN PUMP	OMAHA S PALESTINE U	PALESTINE	32-7S-8E	78	150	11.5	19	31	64
1448	AMERICAN PUMP	OMAHA S UNIT	HARDINSBURG CYPRESS OHARA SPAR MTN	31,32-7S-8E/5,6-8S-8E	434	998	13.0	45	80	141
1439	ALVA C. DAVIS	CANE CREEK U	AUX VASES	4-8S-8E	94	795	3.9	51	67	358
1443	EXXON	OMAHA	PALESTINE TAR SPRINGS AUX VASES	33-7S-8E/4-8S-8E	1395	6562	91.2	415	609	3250
1437	T. W. GEORGE EST.	OMAHA S UNIT	AUX VASES	34-7S-8E,3,4-8S-8E	391	2446	20.1	661	106	777
*1414	HUMBLE O AND R	OMAHA	PALESTINE	33-7S-8E, 4-8S-8E		5763		3119		4436
*1434	NAPCO	PHILLIPS FLOOD	SPAR MTN	32-7S-8E		40		7		2
OMAHA S, GALLATIN, SALINE										
*1432	DAVID ROTSTEIN	WOOLARD	CYPRESS	7-8S-8E		164				
OMAHA W, SALINE										
3623	ILL. MID-CONT.	OMAHA WEST	BETHEL	36-7S-7E/1-8S-7E/ 6-8S-8E	280*	1180	16.4*	96	75*	975
ORCHARDVILLE, WAYNE										
4093	DUNCAN LSE+ROY	HNSN,SHLTN,YOUNGBLOOD	AUX VASES	29-1N-5E	34	290	8.2	86		
ORIENT, FRANKLIN										
1335	V. R. GALLAGHER	ORIENT	AUX VASES	9-7S-2E	50	214	14.4	164	27	86
OSKALOOSA, CLAY										
342	MID-STATES OIL PROP	OSKALOOSA UNIT	AUX VASES MCCLOSKY	26,27,34,35-4N-5E	75*	1921*	2.4*	125*	75*	563*
* 307	TEXACO, INC.	OSKALOOSA UNIT	BENOIST	26,27,34,35-4N-5E		158		1219		3393
PARKERSBURG C, EDWARDS, RICHLAND										
*3432	ACME CASING	RIDGLEY	MCCLOSKY	30-2N-14W		82		7		44
*3415	REVIS D. CALVERT	PARKERSBURG	MCCLOSKY	16,21-2N-14W		107		26*		43
*3424	CONTINENTAL OIL	KOERTGE 'B'	BETHEL	30-2N-14W		179		6		25
*3409	MARATHON OIL CO.	PARKERSBURG U	MCCLOSKY	8-3N-9E		5134*		159*		1859*
*1017	V. T. DRLG. CO.	PARKERSBURG U	CYPRESS	6-1N-14W, 31-2N-14W		911*		145*		470*
PASSPORT, CLAY										
354	R & R OIL CO	PASSPORT UNIT	MCCLOSKY	2-4N-8E, 35-5N-8E		1640		205	7	718
308	SHAKESPEARE OIL	STANLEY-HINTERSHER	MCCLOSKY	12-4N-8E	18	611	2.8	60*	22	322
327	SHAKESPEARE OIL	PASSPORT U	MCCLOSKY	11,12,14-4N-8E	100	11310	3.4	573	82	7090
PASSPORT S, CLAY, RICHLAND										
*3417	CONTINENTAL OIL	PASSPORT SOUTH UNIT	CYPRESS	18-4N-9E		406		43		76
PATOKA, MARION, CLINTON										
2639	FEAR AND DUNCAN	NW PATOKA	BENOIST	19,20-4N-1E	300*	4300*	15.4*	215*+	300*	4300*
*2601	KARCHMER PIPE	PATOKA BENOIST	BENOIST	20,21,28,29-4N-1E		68093		6542		48046
2602	KARCHMER PIPE	PATOKA ROSICLARE	SPAR MTN	21,28,29-4N-1E	100*	5649	4.0*	1570	100*	5344
*2603	KARCHMER PIPE	STEIN UNIT	CYPRESS	28-4N-1E		220		63		228
2614	KEWANEE OIL CO.	W. PATOKA TRENTON U	TRENTON	1-3N-1W 6-3N-1E, 31,32-4N-1E	350*	9623	12.7*	540	350*	4404
PATOKA E, MARION										
2638	HIGHLAND OIL CO	THALMAN	CYPRESS	35-4N-1E	*		17.6	168		
*2629	MOBIL OIL CORP.	F M PEDDICORD	CYPRESS	34-4N-1E		138		7		9
2631	SHELL OIL CO.	EAST PATOKA UNIT	CYPRESS BENOIST	34-4N-1E	994	7618	37.2	464	670	5566
PATOKA S, MARION										
2627	JOE SIMPKINS OIL	PATOKA SOUTH	CYPRESS	4,5,8,9-3N-1E	400*	10870	18.4*	897	400*	5228
2619	TROOP DRILLING	BENOIST-SANDSTONE U	BENOIST	5-3N-1E	207	1119	31.3	344	207	1053
PHILLIPSTOWN C, EDWARDS, WHITE										
4395	ABSHER OIL CO	GARFIELD-PARSON	AUX VASES	7-4S-14W	50*	1910	10.9*	277	50*	1007
4323	N. A. BALDRIDGE	MICHAELS-GREEN-STURM	CYPRESS BETHEL AUX VASES	30-3S-14W	20*	295	0.8*	11	20*	226
4257	BARGER ENG	PHILLIPSTOWN U	DEGONIA TAR SPRINGS	6-5S-11E	102	1452	4.6	162	93	1568
4414	BARGER ENG	CLEVELAND	DEGONIA TAR SPRINGS	36-4S-10E,1-5S-10E, 31-4S-11E	249	1994	7.4*	610*	64	3144
4432	BARGER ENG	PHILLIPSTOWN	PENN TAR SPRINGS AUX VASES	31-4S-11E/36-4S-10E	1	1	8.7	9	116	116
4249	C. E. BREMM	PHILLIPSTOWN UNIT	PENN CYPRESS	19,30-4S-14W, 30-4S-11E	28	1039	2.6	183		170*
*4251	BRITISH-AMERICAN	N CALVIN UNIT	PENN	31-3S-14W		3686		1215		2777
4349	R. G. CANTRELL	PHILLIPSTOWN U	DEGONIA TAR SPRINGS	1-5S-10E,6-5S-11E	145*	1834	14.8*	490	75*	565
*4344	COY OIL CO	GREEN	BETHEL	30-3S-11E	1	61	0.2	11		8
*4319	DUNCAN LSE+ROY	METCALF	BIEHL	31-3S-14W		650		30		
4298	EASON OIL CO.	CLARK WATERFLOOD	CLARK DEGONIA BETHEL	30-4S-11E	475	3277 1102+	43.6	551**	264	1267*

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow / Type (F) = Fresh (B) = Brine (M) = Mixed	
OLNEY C, JASPER, RICHLAND (CONTINUED)												
*3407	2985	6.0	12.5		41.4	10-56	09-62	5	4	220	PENN SAND (B)	
*1903	2925	5.0	12.0			01-61	10-72	1	1	80	PRODUCED (B)	*TEMP ABD 1970
*1904	2900	8.0			35.0	04-55	05-61	4	7	120	CYPRESS (B)	
*3408	3100	5.3	13.8	522	37.0	03-51	04-71	6	16	458	PRODUCED (B)	
3420	3000	13.0	13.8	500	37.0	11-46		1	2	280	PRODUCED (B)	
*1914	2940	14.0	16.8	775	40.0	05-54	12-66	1	1	40	PRODUCED (B)	
OLNEY S, RICHLAND												
*3422	3150	6.0				06-61	01-62	1	4	50	CYPRESS (B)	
OMAHA, GALLATIN												
1447	1725	9.5	17.0	50	27.1	12-71		2	6	133	PRODUCED (B)	
1448	2175	12.0	14.0	10	35.0	03-71		3	2	60	SH SAND (F)	
	2375	5.0	15.0	50	36.0			1	1	20		
	2725	4.0	13.0	60	37.5			4	16	240		
	2780	4.0	13.0	20	37.5			1	2	50		
1439	2678	30.0			37.6	11-65		2	7	100	SH SD, PROD (M)	
1443	1700	17.0	18.9	427		02-69		4	19	425	PRODUCED (B)	
	1950	20.0	16.4	20				3	3	100		
	2650	10.0	9.2	5				1	2	30		
1437	2710	12.0	12.0		41.5	10-65		6	9	253	PENN SD (B)	
*1414	1700	17.0	18.9	427	26.0	10-44	02-69	1	16	280	PRODUCED (B)	
*1434	2760	20.0			37.0	05-65	11-66	1	3	40	CREEK, PROD (M)	
OMAHA S, GALLATIN, SALINE												
*1432	2541	19.0	12.9	24	27.0	10-60	12-63	1	1	20	TAR SPRINGS (B)	
OMAHA W, SALINE												
3623	2700	10.0				06-68		1	7	100	PRODUCED (B)	*ESTIMATED
ORCHARDVILLE, WAYNE												
4093	2835	10.0				08-65		1	3	40	SH SD, PROD (M)	
ORIENT, FRANKLIN												
1335	2670	12.0				10-66		1	3	40	TAR SPRINGS,PROD (B)	
OSKALOOSA, CLAY												
342	2641	10.0	13.0		37.0	12-63		3	3	100	PENN SD, PROD (B)	*ESTIMATED INCL DROPPED PROJ 341
	2742	11.0			37.0			3	3	100		
* 307	2600	14.2	15.6	54	37.0	01-53	10-68	9	4	396	PENN SD, PROD (B)	
PARKERSBURG C, EDWARDS, RICHLAND												
*3432	3190	8.0				04-65	02-69	1	3	80	PRODUCED (B)	
*3415	3060	10.0				01-55	01-56	2	7	160	PRODUCED (B)	*INCL PRIM PROD 1-55 TO 1-56
*3424	2960	15.0				09-59	07-64	1	1	20	PRODUCED (B)	
*3409	3130	8.0	16.0	800		03-55	12-64	5	5	200	CYPRESS, PROD (B)	*INCL 3416
*1017	2770	14.8	16.8	120	37.2	02-59	12-68	3	8	256	PENN SD, PROD (B)	*ESTIMATED 1965-68
PASSPORT, CLAY												
354	3025	10.0	15.0	35	38.0	06-65		3	2	260	PENN SD, PROD (B)	*INACTIVE 1973
308	3000	9.0			37.0	09-57		1	2	40	PRODUCED (B)	*INCL PRIM PROD SINCE 9-57
327	3000	10.0	16.9	911	38.2	07-58		4	5	305	CYPRESS, PROD (B)	
PASSPORT S, CLAY, RICHLAND												
*3417	2700	8.0	15.0	60		07-59	06-64	2	2	100	PENN SD, PROD (B)	
PATOKA, MARION, CLINTON												
2639	1445	10.0				01-66		2	13	160	PRODUCED (B)	*EST *INCL PRIM PROD
*2601	1410	27.0	19.0	110	39.0	09-43	12-70	40	47	527	PRODUCED (B)	
2602	1550	9.0	18.8	223	40.0	07-48		21	12	445	PRODUCED (B)	*ESTIMATED
*2603	1280	10.0	21.0	32	39.0	08-51	12-70	6	2	61	PRODUCED (B)	
2614	3930	17.0	8.0	3	43.0	06-61		11	14	520	PENN SD, PROD (B)	*ESTIMATED
PATOKA E, MARION												
2638	1340	15.0				06-65		1*	10	100		*ADJACENT TO ACTIVE W.F.
*2629	1370	19.0	19.2	62	38.6	06-66	01-68	2	1	30	TAR SPR, PROD (B)	
2631	1350	18.0	20.0	139	36.0	06-65		14	7	150	TAR SPR, PROD (B)	
	1465	11.0	18.0	120				2	4	60		
PATOKA S, MARION												
2627	1360	15.1				08-64		29	29	580	TAR SPR, PROD (B)	*ESTIMATED
2619	1456	14.0			36.5	02-64		6	13	200	TAR SPR, PROD (B)	
PHILLIPSTOWN C, EDWARDS, WHITE												
4395	2885	15.0			38.5	04-61		1	3	222	PENN SD, PROD (B)	*ESTIMATED
4323	2700	10.0				06-68		1	2	30	PENN SD (B)	*ESTIMATED
	2825	6.0						1	2	30		
	2920	10.0						1	3	40		
4257	1928	16.0			36.0	12-69		2	3	40	PRODUCED (B)	
	2300	7.0				02-56		2	5	80		
4414	1935	15.0				11-67		4	4	90	PRODUCED (B)	*INCL PRIM PROD SINCE 11-67
	2385	7.0				05-65		2	4	380		
4432	1350	20.0	20.0	200	36.0	11-73		5	20	150	RIVER GRAVEL (F)	
	2300	20.0	18.0	20								
	2850	10.0										
4249	1950	10.0	13.0	36	36.0	06-65		3	5	90	PENN SD, PROD (B)	*THRU 1969 ONLY
	2730	10.0						2	4	60		
*4251	1550	29.0	17.6	86	32.0	06-51	11-63	9	9	180	TAR SPR, PROD (B)	
4349	1970	10.0	18.3	35	37.7	09-62		6	10	200	RIVER, PROD (M)	*ESTIMATED
	2300	8.0	15.0	29	35.7			2	3	70		
*4344	2820	10.0	13.0	8	36.0	11-62	01-67	1	2	30	GRAV, PROD (M)	
*4319	1824	12.0			32.8	12-64	06-71	2	4	40	TAR SPR, PROD (B)	
4298	1350	15.0	22.2	275		04-70		8	8	80	SH SD, PROD (M)	*CLARK, DEG *BETHEL, AUX VASES
	1950	40.0	16.5	21		01-66	00-00	8	8	80		**ALL PAYS
	2810	14.0				06-60	12-65	4	7	110		

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
PHILLIPSTOWN C, EDWARDS, WHITE (CONTINUED)										
4298	EASON OIL CO,		AUX VASES							
1029	FEAR AND DUNCAN	JOHNSON COOP	MCCLOSKY	18-3S-11E	88*	1179	3,7*	67	60*	247
4243	FISK & FISK	RAWLINSON 7	DEGONIA	29-3S-14W	75*	487	11,8*	85	75*	411
			CLORE							
			CYPRESS							
			BETHEL							
			AUX VASES							
			MCCLOSKY							
4245	FISK & FISK	RAWLINSON	CYPRESS	29-3S-14W	10*	155	0,3*	19	10	55
4343	FISK & FISK	SEIFRIED WF	BIEHL	30-3S-11E	130*	1391*	6,2*	70*	130*	478*
			BETHEL							
*4373	V, R, GALLAGHER	CLEVELAND TAR SPRGS U	TAR SPRINGS	25-4S-10E		376		185*		146
4387	V, R, GALLAGHER	KUYKENDALL	BRIDGEPORT	25-4S-10E	345	1832	20,6	231	115	561
			BUCHANAN							
			DEGONIA							
4224	GETTY OIL CO	N PHILLIPSTOWN	PENN	18,19-4S-11E	558	2868	46,0	267	310	1592
			DEGONIA							
			CLORE							
*4370	GETTY OIL CO	DENNIS "B" DEEP	BETHEL	18-4S-11E		127		1		14
			AUX VASES							
			MCCLOSKY							
4417	W, G, HARNESS OIL	CECIL & GILLISON	BIEHL	31-3S-14W	20*	27	0,9*	52	20*	27
*4277	KIRBY PETROLEUM	W,P,B,S, UNIT	BENOIST	26,35-4S-10E		1791		160		949
4284	W, C, MCBRIDE	ARNOLD	PENN	6-4S-14W	388	2001	98,1	679	266	866
			WALTERSBURG							
			AUX VASES							
*4250	MOBIL OIL CORP,	GRAYVILLE U	CYPRESS	20,29-3S-14W		787		144		552
*4252	MOBIL OIL CORP,	N CALVIN	BIEHL	30,31-3S-11E		1156		426		499
*4369	E, H, MORRIS EST	MORRIS A, B	CYPRESS	19,30-3S-11E		109*		3*		
4342	ELMER H NOVAK	N CALVIN BIEHL U	BIEHL	31-3S-14W	20*	728	0,3*	40	20*	596
4421	LOUIS PESSINA	PHILLIPSTOWN FLOOD	BIEHL	19,30-3S-14W	300*	1500	22,4*	142	300*	1500
4215	PHILLIPS PET, CO	KERN U	TAR SPRINGS	35,36-4S-10E,	139	1259	10,6	83	12	91
			AUX VASES	1,2-5S-10E						
*4254	PHILLIPS PET, CO	LAURA	BETHEL	19-4S-11E		197		16		51
4255	PHILLIPS PET, CO	PHILLIPSTOWN UNIT	PENN	30-4S-11E	75	2005	30,6	286	3	511
			BETHEL							
			AUX VASES							
*4232	SKILES OIL CORP,	L,O, CLEVELAND	TAR SPRINGS	36-4S-10E		48				
4225	SUN OIL CO,	CARR-RENSHAW	CLORE	18-4S-14W	1*	1*	29,5	138	43	93
			AUX VASES							
			MCCLOSKY							
*4256	SUN OIL CO,	PHILLIPSTOWN U	CLORE	6-5S-11E		234		110		58
*4270	SUN OIL CO,	PHILLIPSTOWN	TAR SPRINGS	6-5S-11E		58				251
*4315	TEXACO, INC,	PHILLIPSTOWN COOP	BETHEL	18-4S-14W		909		17		139
			AUX VASES							
			MCCLOSKY							
4253	WEST DRILLING CO	FLORA UNIT	DEGONIA	24-4S-10E	20*	1461	1,1*	128	20*	999
4306	WEST DRILLING CO	LAURA JOHNSON	DEGONIA	19-4S-11E	20*	136	5,3*	47	60*	325
			AUX VASES		25*	130				
			OHARA		20*	135				
PHILLIPSTOWN S, WHITE										
4357	REBSTOCK OIL CO,	GIVEN-BROWN	TAR SPRINGS	11-5S-10E	20*	550	0,3*	144	20*	139
RACCOON LAKE, MARION										
*2616	TEXACO, INC,	RACCOON LAKE UNIT	MCCLOSKY	3-1N-1E		1006		182*		1765*
*2617	TEXACO, INC,	RACCOON LAKE UNIT	SPAR MTN	3-1N-1E		747				
2626	TEXACO, INC,	RACCOON LAKE UNIT	CYPRESS	3-1N-1E	210	2419	9.7	43	282*	3153
			BENOIST			509				
RALEIGH, SALINE										
3615	WALTER DUNCAN	SPURLOCK	CYPRESS	2-8S-6E	12*	157	0,7*	53	12*	72
3617	FARRAR OIL CO,	RALEIGH UNIT	CYPRESS	35-7S-6E, 2-8S-6E	80*	4602	11,2*	921		286
*3605	KEWANEE OIL CO,	RALEIGH U	AUX VASES	10,15,16-8S-6E		1874		282		964
RALEIGH S, SALINE										
3618	HERMAN GRAHAM	S, RALEIGH U	AUX VASES	20-8S-6E	350*	2011	20,2*	191	350*	1309
*3604	ILL, MID-CONT,	RALEIGH UNIT	AUX VASES	20-8S-6E		1246		64		800
3616	RK PET, CORP,	LEITCH ETAL	AUX VASES	20,21,28,29-8S-6E	70	1149	6,5	106	19	187
RAYMOND E, MONTGOMERY										
*2900	DARE PETROLEUM	FOSTER-POGGENPOHL	PENN	15,22-10N-4W		38*		6*		15*
RICHVIEW, WASHINGTON										
4016	NICK BABARE	CANTRELL-HARTOCCIO	CYPRESS	2-2S-1W	60*	190	7,4*	33	60*	155
4015	N, A, BALDRIDGE	RICHVIEW	CYPRESS	2-2S-1W	1000*	1440	111,5*	241	1000*	1210
4012	C, T, EVANS	RICHVIEW UNIT	CYPRESS	2-2S-1W	665	4598	24,1	392*	279	1480
4014	GARDEN DRLG	THOMPSON	CYPRESS	35-1S-1W;2-2S-1W	600*	4335	32,4*	266	600*	2150
4017	E, H, SELF	SKIBINSKI	CYPRESS	10-2S-14W			5,1*	33*	30*	90*
RITTER N, RICHLAND										
*3430	ZANETIS OIL PROP	SE OLNEY U	SPAR MTN	18-3N-1E		92		5		54
ROACHES N, JEFFERSON										
*2009	TEXACO, INC,	ROACHES NORTH UNIT		5,8-2S-1E	17	2590		30 *	6	2081
ROCHESTER, WABASH										
3970	ASHLAND O AND R	NORTH ROCHESTER U	PENN	11,14-2S-13W	174	3271	6,1	440	111	1378
			WALTERSBURG							
3972	ASHLAND O AND R	ROCHESTER COOP	PENN	14-2S-13W	404	6381	5,1	268	119	1309
3968	UNIVERSAL OPRTNG	KENNARD	BRIDGEPORT	14-2S-13W	60*	11582	3,0*	781	60*	4575
			WALTERSBURG							
ROLAND C, GALLATIN, WHITE										
4314	ABSHER OIL CO	NORRIS CITY	HARDINSBURG	11,14-6S-8E	80*	565	1,0*	62	80*	162
4413	WM, BECKER	CROZIER-SILLIMAN	HARDINSBURG	36-5S-8E	40*	633	2,3*	41	40*	633
4324	CARMAX IND	N ROLAND U	AUX VASES	35-6S-8E;2-7S-8E	25*	86	1,4*	6	25*	71

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow; Type (F) = Fresh (B) = Brine (M) = Mixed	
PHILLIPSTOWN C, EDWARDS, WHITE (CONTINUED)												
4298	2920	10.0				09-60	12-65	4	7	100		
1029	3116	5.0	12.0	100	37.0	05-64		2	1	35	PENN SD, PROD (B)	*ESTIMATED
4243	1997	3.0				01-66		1	1	80	PRODUCED (B)	*ESTIMATED
	2050	6.0						1	1	50		
	2700	14.0						1	5	60		
	2803	8.0						2	3	80		
	2910	11.0						1	3	50		
	3000	12.0						1	2	60		
4245	2700	10.0				07-67		1	2	30	PURCHASED (M)	*ESTIMATED
4343	1842	14.0	16.2	88	32.0	06-62		2	2	50	PENN SD, PROD (B)	*ESTIMATED 4370
	2820	11.0	14.2	10				3	4	150		
*4373	2310	9.0	18.3	68	33.9	10-63	10-72	3	2	150	PENN SD, PROD (B)	*INCL PRIM PROD SINCE 10-63
4387	1300	15.0				01-71		1	1	20	PENN SD,PROD,(B)	
	1490	15.0				07-64		2	2	40		
	1970	16.0				01-67		1	2	40		
4224	1400	10.0				01-70		2	14	40	PENN SAND, PROD (B)	
	1990	16.0				12-67		7	14	191		
	2035	6.0				12-67		3	4	80		
*4370	2845	15.0			34.0	05-71	07-72	2	2	37	PENN SD, PROD (B)	
	2930	25.0						2	2	37		
	3040	23.0						2	2	37		
4417					34.0	06-72		1	6	40	PRODUCED	*EST;ADJ TO ACTIVE WF SINCE 1964
*4277	2840	11.0	15.5	150	38.0	06-56	12-63	9	12	270	PENN SD, PROD (B)	
4284	1500	25.0	16.5	168		11-67		2	3	70		
	2290	5.0						2	1	30		
	2900	10.0	18.0	100				2	3	70		
*4250	2850	27.4	18.4	64		08-54	07-69	2	4	60	PRODUCED (B)	
*4252	1830	11.0			32.8	05-51	02-61	5	9	60	SH SD, PROD (M)	*INCL PRIM PROD
*4369	2700	10.0				08-63	12-65	3	4	40	SH SD (F)	*NO DATA SINCE 1964
4342	1800	25.0	17.7		32.0	6-63		3	3	30	PRODUCED (B)	*ESTIMATED
4421	1830	15.0				02-68		3	12	240	PRODUCED(B)	*ESTIMATED
4215	2380	13.0			36.0	05-66		1	2	30	WELL, PROD (M)	
	2950	18.0	20.0	60				2	4	90		
*4254	2800	10.0	15.0	46	37.0	03-52	01-64	2	5	20	PRODUCED (B)	
4255	1850	47.0				06-71		1	5	60	PRODUCED (B)	
	2800	18.0				10-57		6	2	80		
	2930	24.0				10-57		2	5	80		
*4232	2300	12.0				11-55	01-58	1	2	30	PENN SAND (B)	*INJ.WELLS ARE LINE WELLS
4225	2015	20.0			36.0	01-68			3	40		
	2895	18.0							1	20		
	3040	8.0							2	60		
*4256	2000	10.0				12-55	06-60	1	5	50	PRODUCED (B)	
*4270	2248	10.0			34.5	01-53	06-54	1	9	10	PRODUCED (B)	
*4315	2800	17.0	14.2	7	36.3	03-69	01-72	4	3	70	PRODUCED (B)	
	2900	10.0	14.2	31				4	3	70		
	3050	10.0					08-70	4	4	80		
4253	2000	15.0	19.0	100	37.0	09-53		2	2	25	PRODUCED (M)	*ESTIMATED
4306	1980	20.0				06-69		1	2	40	PRODUCED (M)	*ESTIMATED
	2960	9.0						1	2	40		
	3035	10.0						1	1	30		
PHILLIPSTOWN S, WHITE												
4357	2320	12.0	18.1	33		12-62		2	3	60	SH SD (F)	*ESTIMATED
RACCOON LAKE, MARION												
*2616	1900	6.0	10.8	292	36.0	07-61	12-66	3	2	100	PRODUCED (B)	*INC 2617
*2617	1860	6.0	13.3	448	36.0	07-61	12-66	2	2	80	PRODUCED (B)	*INCL WITH 2616
2626	1650	15.0			35.0	03-65		2	4	120	PRODUCED (B)	
	1730	15.0					05-69	1	1	70		EQUALS EXTRAPOLATED PRIMARY
RALEIGH, SALINE												
3615	2550	10.0			32.0	05-64		1	1	20	PENN SD, PROD (B)	*ESTIMATED
3617	2553	14.0			33.7	05-62		18	14	350	CYPRESS, PROD (B)	*ESTIMATED 1969-70
*3605	2945	10.0	24.0	472	39.0	10-60	12-66	3	1	30	PAINT CK, PROD (B)	
RALEIGH S, SALINE												
3618	2840	12.5	18.4	130	38.0	08-64		3	4	80	PENN SD, PROD (B)	*ESTIMATED
*3604	2850	15.0		176	40.4	12-60	01-70	1	3	40	PENN SD, PROD (B)	*NO DATA 1969,EST SINCE 1964
3616	2850	15.0	15.0		36.0	03-64		3	1	110	PRODUCED (B)	
RAYMOND E, MONTGOMERY												
*2900	595	6.0			34.1	08-59	12-67	2	2	20	PENN SD, PROD (B)	*ESTIMATED
RICHVIEW, WASHINGTON												
4016	1500	20.0				09-71		1	6	70	TAR SPR, PROD)(B)	*ESTIMATED
4015	1480	20.0				03-70		4	10	140	TAR SPR (B)	*ESTIMATED
4012	1485	13.0	21.0	117	39.0	10-66*		5	9	97	TAR SPR, PROD (B)	*INCL PRIM PROD SINCE 3-66
4014	1477	20.0				09-63		1	7	100	TAR SPR, PROD (B)	*ESTIMATED
4017	1480	25.0				01-71			2	20		*ADJ TO ACTIVE WF,DATA EST
RITTER N, RICHLAND												
*3430	3190	4.0			38.8	09-64	12-65	1	3	160		
ROACHES N, JEFFERSON												
*2009	1930	10.7	14.8	134	37.2	08-60	10-73	4	18	460		*PROD EQUALS EXTRAPOLATED PRIM
ROCHESTER, WABASH												
3970	1285	12.0	19.0	100	40.1	07-60		2	3	80	GRAVEL BED (F)	
	1960	20.0	18.9	100				2	5	90		
3972	1285	12.0			30.5	01-60		3	2	70	GRAV, PROD (M)	
3968	1350	30.0	17.0	150	33.0	07-60		5	8	80	SH SD, GRAV (F)	*ESTIMATED
	1950	20.0	18.0	200	37.0			5	5	80		
ROLAND C, GALLATIN, WHITE												
4314	2575	8.0	16.0	50	36.6	10-69		5	4	110	SH SAND (F)	*ESTIMATED
4413	2636	14.0	17.0	106	38.0	03-63		2	3	280	PRODUCED (B)	*ESTIMATED
4324	2950	10.0				06-70		2	6	130	PENN SD (B)	*ESTIMATED

Field, County	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
Project no. * = ABD. + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
ROLAND C, GALLATIN, WHITE (CONTINUED)										
4350	CARMAX IND	S ROLAND U	CYPRESS	10,11-7S-8E	140*	474	10,2*	39	80*	190
			AUX VASES							
4375	EAGLE SUPPLY CO	ATCHLEY	CLORE	17-6S-9E	30*	444	2,2*	26	30*	200
1418	EXXON	S, ROLAND	AUX VASES	16,21,27-7S-8E	17	1574	5,7	194	62	865
4258	EXXON	S,W, ROLAND	WALTERSBURG	14,15,16-7S-8E	1791	31217	78,2	2551	729	9708
			AUX VASES							
4266	EXXON	ROLAND AREA U I	CYPRESS	2,11-7S-8E	733	7298	128,3	1233	943	4402
			BETHEL							
			AUX VASES							
4396	FEAR AND DUNCAN	MOBLEY-GREER	TAR SPRINGS	25-6S-8E	40*	250	2,2*	53	40*	177
*4361	F, J, FLEMING	DOERNER UNIT WF	WALTERSBURG	12,13-7S-8E		1458		80		888*
*4262	T, W, GEORGE EST,	PANKEY-MOOREHEAD UNIT	CYPRESS	17,20-7S-8E		55*				
*4259	HUMBLE O AND R	STOKES U	HARDINSBURG	5-6S-9E		755		543		1270
4310	REBSTOCK OIL CO,	GEN AMER LIFE	CLORE	1-7S-8E	300*	1777	11,3*	109	300*	1232
			WALTERSBURG							
			CYPRESS							
			SAMPLE							
			AUX VASES							
*4347	E, F, MORAN, INC	NORRIS CITY	CYPRESS	33-6S-8E		771*		15		
			BETHEL							
1446	MURVIN OIL CO,	ROLAND POOL U	BETHEL	24-7S-8E	210*	1282	12,8*	54	190*	496
4419	MURVIN OIL CO,	ROLAND AUX VASES	AUX VASES	13,14,24-7S-8E	200*	870	10,9*	115	200*	375
*4407	NAPCO	HUGHES FLOOD	CYPRESS	9-6S-9E		458		14		164
4418	DENNIS PAINE	COLLINS-ANDERSON	BETHEL	16-7S-8E	10*	183	2,8*	41	41*	71
4422	PETRO INTERNATIONAL	GENTRY & LOWRY	TAR SPRINGS	13-6S-8E	240*	540	12,7*+	42	100*	200
			CYPRESS							
*1413	ROYALCO, INC,	OMAHA U	WALTERSBURG	20,21,28,29-7S-8E	3	12070	0,4	593	3	3896
*4318	ROYALCO, INC,	E, ROLAND	AUX VASES	2,3-7S-8E		1702		107		425
*4261	SHELL OIL CO,	IRON UNIT	HARDINSBURG	23,24,25-6S-8E		18512		2254		9380
4322	JOE SIMPKINS OIL	ROLAND POOL U	WALTERSBURG	10,11-7S-8E	250*	1510	11,9*	111	190*	640
			BETHEL							
			AUX VASES							
4214	SUN OIL CO,	ROLAND POOL U AREA II	CLORE	1,2,11,12,13,14-7S-8E	5180	24470	224,1	2898	3026	10588
			WALTERSBURG	36-6S-8E						
			TAR SPRINGS							
			CYPRESS							
			BETHEL							
			AUX VASES							
4244	SUN OIL CO,	ROLAND WEST U	CYPRESS	4,9-7S-8E	338	3354	18,6	205	206	1745
			SAMPLE							
			AUX VASES							
			SPAR MTN							
4403	TRIANGLE OIL CO	ROLAND U	CYPRESS	1,12,13-7S-8E	290*	2438	13,0*	204	250*	497
			BETHEL							
			AUX VASES							
*4260	UNION OIL CALIF,	STOKES-BROWNSVILLE U	HARDINSBURG	36-5S-8E,31,32-5S-9E, 1,11,12-6S-8E,6-6S-9E		16366		2290	60	9607
4385	UNION OIL CALIF,	WALNUT GROVE U	TAR SPRINGS	7,8,17,18,19-6S-9E	2049	18101*	191,8	2234*	1503	8363*
			CYPRESS							
			SAMPLE							
			BETHEL							
			AUX VASES							
			OHARA							
			SPAR MTN							
			MCCLOSKY							
*1435	WAUSAU PET, CORP	GOSSETT	CYPRESS	19,20-7S-8E 18-7S-8E		693		81		125
RUARK, LAWRENCE										
2267	MOORE ENG	RUARK WFU	PENN	7-2N-12W	40*	644	4,0*	131	30*	130
RUARK W, LAWRENCE										
2284	CITIES SERVICE	W, RUARK U	BETHEL	12,13-2N-13W	427	5689	26,7	636	304	3242
2290	JOE WILLIAMS	W W PROUT	BETHEL	12-2N-13W	1*		1,0+	30		
RURAL HILL N, HAMILTON										
*1515	ACME CASING	MOORE UNIT	CYPRESS	34,35-5S-5E		1539		210		544
ST FRANCISVILLE, LAWRENCE										
2263	HAROLD BRINKLEY	PEPPLE AND MOODY	BETHEL	19,20-2N-11W		787*		29*		318*
*2278	LOGAN OIL CO,	WILSON 'B'	BETHEL	20-2N-11W		31				
*2228	OIL RECOVERY,INC	ST FRANCISVILLE	BETHEL	20-2N-11W		90				
ST, FRANCISVILLE E, LAWRENCE										
*2218	BAUER BROTHERS	ALL STATES LIFE	BETHEL	22-2N-11W		3528		267		1145
ST JACOB, MADISON										
2506	BELLAIR OIL	ELLIS WF	TRENTON	27-3N-6W	140*	1804	6,3*	98	140*	782
2503	WARRIOR OIL CO,	TRENTON LIME UNIT	TRENTON	15,16,21,27-3N-6W	448	6393	20,3	552	323	3701
2505	WARRIOR OIL CO,	S, ST, JACOB UNIT I,	TRENTON	27-3N-6W	260	1791	6,2	65	194	1418
ST JAMES, FAYETTE										
1238	N, A, BALDRIDGE	WILLIAM SMAIL	CYPRESS	25,36-6N-2E	140*	1457	6,7*	208	140*	2147
1245	W, L, BELDEN	ST JAMES	CARPER	25-6N-2E	102	693	6,9+	40*	102	693
1250	W, L, BELDEN	ST JAMES NORTH	CARPER	19-6N-3E	258	1254	5,5*	74+	150*	740*
1240	MARATHON OIL CO,	ST, JAMES 1-C	CYPRESS	36-6N-2E, 30,31-6N-3E	611	7300	77,7	1135	553	4790
*1222	HENRY ROSENTHAL	WASHBURN	CYPRESS	30-6N-3E		1000*		198*		1000*
1251	HENRY ROSENTHAL	WASHBURN	CARPER	30-6N-3E	334	2230	10,1	54	84	255
1239	TEXACO, INC,	ST, JAMES WF	CYPRESS	25-6N-2E,30,31-6N-3E	654	4062	21,9	415	548	4199
STE MARIE, JASPER										
*1912	MURVIN OIL CO,	STE, MARIE	SPAR MTN	7-5N-11E				18		
*1905	J, R, RANDOLPH	STE, MARIE WF	MCCLOSKY	5,6,7,8-5N-14W		1900		191		62
*1923	S AND H OIL CO,	STE MARIE U	MCCLOSKY	1-5N-10E; 6-5N-11E		1620		78		327
1920	C, R, WINN	WADE 2	MCCLOSKY	5,6-5N-14W	55*	585	2,1*	25	55*	403

Field, County Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thick-ness (ft)	Poros-ity (%)	Perme-ability (md)	Oil grav-ity (°API)	Development as of 12-31-73 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source (SD = Sand, GRAV = Gravel, PROD = Produced, SH = Shallow) Type ((F) = Fresh, (B) = Brine, (M) = Mixed)	Remarks
ROLAND C, GALLATIN, WHITE (CONTINUED)												
4350	2650	8.0				04-70		2	4	60	PENN SD (B)	*ESTIMATED
	2950	10.0						2	4	60		
4375	1991	12.0			38.0	08-67		2	1	20	PALESTINE, PROD (B)	*ESTIMATED
1418	2920	15.0	16.2	61	40.0	06-59		2	2	120	PENN SD (B)	
4258	2175	14.0	19.5	275	31.0	06-55		13	19	560	PENN SD, PROD (B)	
	2900	12.0			39.0			2	4	110		
4266	2700	20.0	16.6	65	31.6	06-66		14	12	450	PENN SD, PROD (B)	
	2775	9.0	12.4	12				1	4	130		
	2900	6.0	13.8	14				8	15	910		
4396	2332	10.0	23.9	77		02-62		1	2	80	PRODUCED (B)	*ESTIMATED
*4361	2200	15.0	18.0		31.0	06-62	01-68	4	4	80	PENN SD, PROD (B)	*ESTIMATED
*4262	2620	20.0	14.0	16		10-56	12-58	2	2	40	TAR SPR, PROD (B)	*ESTIMATED, O.F.
*4259	2530	11.6	18.8	256	35.8	07-54	12-66	7	10	170	PRODUCED (B)	
4310	1960	6.0	18.7	150		10-68		2	1	30	FRESH, PROD (M)	*ESTIMATED
	2185	12.0	19.8	264				4	4	80		
	2620	5.0						1	1	20		
	2800	8.0	13.3	73				4	4	80		
	2900	8.0	12.0	70				1	1	20		
*4347	2685	5.0				07-66	10-68	2	2	40		*INCL BOTH PAYS
	2800	30.0						4	4	80		
1446	2750	18.0	14.0	35	38.0	01-70		8	11	170	PENN SD (B)	*ESTIMATED
4419	2860	15.0				04-69		6	16	260	PRODUCED (B)	*ESTIMATED
*4407	2740	14.0			37.0	04-65	01-72	2	2	20	PRODUCED (B)	
4418	2795	15.0				02-64		1	2	30	PRODUCED (B)	*ESTIMATED
4422	2310	15.0				01-71		3	4	70	PRODUCED (B)	*EST +INCL PRIM PROD
	2710	10.0						3	3	60		
*1413	1695	14.0	19.0	225	37.2	03-53	04-73	1	1	336	PRODUCED (B)	
*4318	2935	20.0	14.2	4	35.6	12-61	07-69	8	8	260	SH SD, PROD (M)	
*4261	2500	25.0	17.6	152	37.0	12-50	04-66	20	24	440	CYPRESS, PROD (B)	*NO DATA AFTER 4-20-66
4322	2150	15.0				07-69		4	6	160	PENN SAND (B)	*ESTIMATED
	2740	10.0						4	6	160		
	2870	15.0						6	8	180		
4214	1900	9.0				04-68		4	7	120	WELL, PROD (M)	
	2200	12.0						16	25	440		
	2250	7.0						2	6	90		
	2500	11.0						13	25	400		
	2750	14.0						21	32	550		
	2900	21.0						4	31	150		
4244	2620	14.0	14.0	34	37.0	02-66		7	12	200	PENN SD (B)	
	2725	9.0	11.0					5	12	180		
	2925	15.0	16.5	55				6	9	160		
	3000							1	1	40		
4403	2600	10.0	15.2	38		01-67		7	10	230	TAR SPRINGS (B)	*ESTIMATED
	2800	15.0				03-69		2	6	80		
	2920	9.0				01-70		1	1	20		
*4260	2628	15.0	17.0	106		08-55	08-67	38	31	1142	PENN SD, PROD (B)	
4385	2300	12.4				02-67+		16	14	300	PRODUCED (B)	*DUMP FLOOD DATA INCL OF INJ
	2640	10.5	18.0	60				14	13	302		SINCE 12-51. FIRST OF DATA 1964
	2790	10.0	17.0	50				5	5	100		+UNIT EFFECTIVE 7-66
	2880	22.0						23	20	449		
	2900	10.0						14	13	278		
	2940	3.0						5	5	100		
	2970	3.0						19	5	200		
	3060	1.3						2	2	63		
*1435	2550	12.0	18.5	80	38.0	07-64	05-70	3	7	100	PENN SD, PROD (B)	
RUARK, LAWRENCE												
2267	1640	8.0	16.0	105	33.8	04-63		1	2	56	SH SD (F)	*ESTIMATED
RUARK W, LAWRENCE												
2284	2250	17.0	16.0	100	36.0	08-65		20	15	279	TAR SPR, PROD (B)	
2290	2260	10.0				01-67		*	2	30		*ADJ ACTIVE WF,NO INJ +EST
RURAL HILL N, HAMILTON												
*1515	2400	10.0	13.8	22	35.5	05-50	01-69	3	2	140	PRODUCED (B)	
ST FRANCISVILLE, LAWRENCE												
2263	1840	12.0			41.0	04-62		2	5	80	GRAV, PROD (M)	*NO DATA 1973
*2278	1850	10.0	18.5	65		11-64	12-66	1	1	30	CYPRESS (B)	
*2228	1865	12.0	17.5	43	38.0	12-50	06-54	2	1	30	SH SD, PROD (M)	
ST. FRANCISVILLE E, LAWRENCE												
*2218	1740	27.0	17.0	40	36.5	11-57	11-72	6	9	160	RIVER GRAVEL (F)	*INJ DISCONTINUED 8-72
ST JACOB, MADISON												
2506	2340	20.0	6.0		35.6	11-65		4	7	230	SH SD, PROD (M)	*ESTIMATED
2503	2351	15.7	9.6	11	37.0	08-62		12	12	442	AUX VASES, PROD (B)	
2505	2320	18.0	9.6		36.0	11-65		2	5	180	AUX VASES, PROD (B)	
ST JAMES, FAYETTE												
1238	1560	16.0	20.0	150		07-63		3	6	50	PRODUCED (B)	*ESTIMATED
1245	3130	42.0			37.4	12-65		1	5	80	PRODUCED (B)	*INCL PRIM PROD SINCE 1-66 +EST
1250	3100	20.0				01-66		1	6	80	PRODUCED (B)	*EST +INCL PRIM PROD
1240	1600	22.0	18.0	230		08-63		11	26	588	PRODUCED (B)	
*1222	1595	20.0			34.0	03-54	12-62	3	9	100	PRODUCED (B)	*1959-1962 ESTIMATED
1251	3090	45.0	11.0			04-68		1	5	90	PRODUCED (B)	
1239	1600	13.4	19.6	76	37.0	05-63		3	10	200	PRODUCED (B)	
STE MARTE, JASPER												
*1912	2910	10.0			36.2	11-61	12-65	2	6	160	CYPRESS (B)	
*1905	2860	7.0				10-48	12-60	1	14	400	CYPRESS (B)	
*1923	2850	8.0	15.0	300	39.0	04-68	12-72	2	7	140	GRAVEL BED (F)	
1920	2822	5.0			37.0	01-66		1	2	60	RIVER GRAVEL (F)	*ESTIMATED

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
SAILOR SPRINGS C, CLAY, EFFNGHAM, JASPER										
* 318	ASHLAND O AND R	E. FLORA	MCCLOSKY	16,21-3N-7E		2173		195		2605
377	ASHLAND O AND R	E W KECK LEASE	MCCLOSKY	35-4N-7E	61	64	5.1	6	35	39
1114	BASIN OIL PROP.	REINHART, STORTZUM	CYPRESS	22-6N-7E	180*	1205	16.7*	151	180	700
* 309	CITIES SERVICE	WYATT	AUX VASES	13-5N-7E		848		40*		446*
* 334	CITIES SERVICE	WYATT	SPAR MTN	13-5N-7E		23				
329	ALVA C. DAVIS	N SAILOR SPRINGS	CYPRESS AUX VASES SPAR MTN	2-4N-7E,35-5N-7E	65	4144	5.0	198	65	1680
359	WALTER DUNCAN	GOULD UNIT	CYPRESS	15-5N-7E	220*	2043	39.2*	1136	300*	1645
1102	WALTER DUNCAN	BRINK	CYPRESS	34-6N-7E	180*	2184	9.1*	516	200*	1427
1116	WALTER DUNCAN	KLUTHE	CYPRESS	33-6N-7E	120*	407	18.0*	258	120*	804
374	J. C. FRANKLIN	NW CLAY	CYPRESS AUX VASES	35-4N-7E	100*	220	16.5*	53	100*	250
* 310	GULF OIL CO	R. KECK	CYPRESS	26-4N-7E		65		11		37
* 339	GULF OIL CO	SAILOR SPRINGS UNIT	CYPRESS	26-4N-7E		315		49		70
1118	GULF OIL CO	F H KLUTHE	CYPRESS	33-6N-7E	165	890	60.0	478	43	84
328	C.O.HAGAN	SAILOR SPRINGS	TAR SPRINGS CYPRESS	26-4N-7E	90	2614	4.0	153	90	2046
356	JET OIL CO.	BIBLE GROVE U	CYPRESS	10-5N-7E	796	7662	26.0	1236	202	3902
*1107	JET OIL CO.	BLUNT COMM U	MCCLOSKY	17,20-6N-7E		970		102		655
1100	KEN-TEX	BIBLE GROVE	SPAR MTN MC CLOSKY	28,29-6N-7E	80*	4420	4.8*	436	80	1740
*1103	KINGWOOD OIL CO.	NADLER AND JOERGENS	CYPRESS SPAR MTN	28-6N-7E		1834		101		888
319	L V O CORPORATION	SAILOR SPRINGS U	CYPRESS	13-5N-7E	76	1957	11.3	124	25	199
1117	L V O CORPORATION	J MABBE	CYPRESS	33-6N-7E	1*		12.4+	165		
352	HAC OIL COMPANY	BIBLE WF UNIT	CYPRESS	9-4N-7E	78	1521	12.5	249	47	551
* 312	W. C. MCBRIDE	GOLDSBY-DICKEY	CYPRESS	34-4N-7E		622		31		142
* 313	W. C. MCBRIDE	DUFF-KECK	CYPRESS	26,35-4N-7E		1845		140		681
* 314	W. C. MCBRIDE	BOTHWELL	CYPRESS	14-3N-7E		98		5		
326	W. C. MCBRIDE	CLARK-PALMER	CYPRESS AUX VASES SPAR MTN	34-4N-7E/3-3N-7E	120*	900*	8.5*	63*	120*	900*
344	W. C. MCBRIDE	DEHART	CYPRESS	9-3N-7E	66	897	1.7	79	61	614
348	W. C. MCBRIDE	STASER U	CYPRESS	12,13,14-3N-7E	196	2284	4.5	182	125	717
364	W. C. MCBRIDE	GOLDSBY-WILSON	CYPRESS AUX VASES	34-4N-7E	337	1836	17.3	110	235	1071
370	W. C. MCBRIDE	ARMSTRONG U	CYPRESS	3,10-3N-7E	62	155	2.6	9	25	61
375	W. C. MCBRIDE	PATTON-SMITH U	CYPRESS	11-3N-7E	62	122	6.9	11	44	55
* 311	MCCOLM, KINCAID	SAILOR SPRINGS	CYPRESS	14,15,23-4N-7E		6979		1023		3203
* 336	MCCOLM, KINCAID	NORTH HOOSIER UNIT	CYPRESS	10-4N-7E		2174		465		1221
355	MCCOLM, KINCAID	BIBLE GROVE WF UNIT	CYPRESS	15,22-5N-7E	450*	4024	24.4*	1085	420*	2244
366	MCKINNEY,FUNDERB	SPARLIN	CYPRESS	3-5N-7E	15	126	3.2	36	15	88
* 340	MOBIL OIL CORP.	NORTH HOOSIER U	CYPRESS	15-4N-7E		1608		274		864
321	BERNARD PODOLSKY	BUCK CREEK U	MCCLOSKY	8,9,16,17-3N-7E	519	1526	42.2	116	378	877
* 333	BERNARD PODOLSKY	C. BOWERS	MCCLOSKY	16-3N-7E		231		44		182
371	BERNARD PODOLSKY	E FLORA	MCCLOSKY	9-3N-7E	146	412	2.2	184	65	184
* 343	RAY-OBER OIL CO.	HASTINGS	CYPRESS	23-4N-7E		118*		7*		
368	C O REED	MCCOLLUM	CYPRESS	9,16-4N-7E	120*	515	11.2*	65	17*	287
369	EARLE B REYNOLDS	STORCK	CYPRESS	5-5N-7E	160*	555	11.2*	57	160*	535
361	HUBERT ROSE	BATEMAN UNIT	CYPRESS	25,26,35-5N-7E	160*	1836	8.0*	84	160*	355
350	SHAKESPEARE OIL	STANFORD UNIT	SPAR MTN	22,27-3N-7E	20	428	1.2	24	14	156
* 315	SHULMAN BROTHERS	COLCLASURE AND HARDY	CYPRESS	10-3N-7E		1177		28		496
* 316	SHULMAN BROTHERS	NEFF	MCCLOSKY	16-3N-7E		99		3		
* 325	SHULMAN BROTHERS	LEWIS-CYPRESS	CYPRESS	13-5N-7E		84		5		84
1106	SOHIO PETROLEUM	ROSICLARE LIME UNIT	SPAR MTN	5-5N-7E, 32-6N-7E	359	6189	20.8	908	354	3884
* 367	SO. TRIANGLE CO.	SAILOR SPRINGS	CYPRESS	11,12,13,14-4N-7E		510		10		201
1109	SUN OIL CO.	BIBLE GROVE U.SD.U.	CYPRESS	22,27,28,34-6N-7E	401	6189	12.7	1153	280	3614
360	TEXACO, INC.	NORTH BIBLE GROVE U	CYPRESS	3,4,5,8,9,10-5N-7E, 32-6N-7E	3765	26339	148.2	3358	2383	13523
365	TEXACO, INC.	W G LANDWEHR	CYPRESS	9-5N-7E	343	1297	12.6	71	37	139
1115	R. O. WILSON II	KLUTHE-STORTZUM-LAKE	CYPRESS	15,22-6N-7E	84*	254	22.9*	138	40*	186
SALEM C, JEFFERSON, MARION										
2612	EGO OIL CO	SEBASTIAN	BENOIST	21-1N-2E	15*	267*	1.8*	28*	15*	267*
2624	EGO OIL CO	LUTTRELL	SPAR MTN	15-1N-2E	25*	125	2.0*	13	25*	50
2633	EGO OIL CO	BURGE	SPAR MTN	21-1N-2E	20*	54	1.2*	3	20*	30
+2006	EXXON	DIX R. AND PM.	BENOIST	3,4,9,10,15,16-1S-2E	1294	25578	234.5	14383	838	17866
2010	EXXON	SALEM CONS	AUX VASES	3,4,10-1S-2E	1465	25626	41.8	1069	1017	17885
2618	ILL. LSE. OP.	PHELPS-WALNUT MILL U.	SPAR MTN	28,33-1N-2E	200*	2667	8.0*	212	84*	571
*2604	TEXACO, INC.	ROSICLARE SAND UNIT	SPAR MTN	15-1N-2E		1913		96		207
2605	TEXACO, INC.	SALEM UNIT	BENOIST	T1,2N-R2E	6264	511653	323.1	41238	15649	330852
2606	TEXACO, INC.	SALEM UNIT	DEVONIAN	T1,2N-R2E	28248	194393	1077.8	7741	27275	164034
2607	TEXACO, INC.	SALEM UNIT	MCCLOSKY	T1,2N-R2E	14381	389198	377.4	22030	13421	267973
2608	TEXACO, INC.	SALEM UNIT	AUX VASES	T1,2N-R2E	29850	396097	656.7	31540	19131	232028
2636	TEXACO, INC.	SALEM U	SALEM	3 1-2N-2E	4379	12060	46.6	136	390	807
2637	TEXACO, INC.	SALEM U	TRENTON	1-2N-2E	10	806		4		15
SAMSVILLE N, EDWARDS										
*1010	ASHLAND O AND R	WEST SALEM	BETHEL	30-1N-14W		319		7		
SCHNELL, RICHLAND										
3439	UNION OIL CALIF.	SCHNELL CONSOL	MCCLOSKY	7-2N-9E	77	681	1.3	35	77	393
SEMINARY, RICHLAND										
*3410	R. JOHNSON	SEMINARY	MCCLOSKY	17-2N-10E		889		25		290
SESSER C, FRANKLIN										
1318	WM. BECKER	OLD BEN COAL FLOOD	AUX VASES CLEAR CREEK	13,14,23,24-6S-1E	480*	5482	30.0*	645	320*	2965
1325	FARRAR OIL CO.	SESSER UNIT	AUX VASES	35-5S-1E	151	1892	34.7	857	60	729
1330	FARRAR OIL CO.	CHRISTOPHER U	RENAULT AUX VASES	24,25-6S-1E 19,30-6S-2E	50	401	8.4	53	24	83
*1306	WILL I. LEWIS	SESSER U	RENAULT	17,19,20-5S-2E		1574		173		75

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source SD=Sand GRAV=Gravel PROD=Produced SH=Shallow; Type (F)=Fresh (B)=Brine (M)=Mixed	
SAILOR SPRINGS C, CLAY, EFFNGHAM, JASPER												
* 318	2950	6.0	16.0	800	36.7	11-56	12-66	1	5	160	PRODUCED (B)	
377	2961	10.0				12-72		1	4	80	PRODUCED B	
1114	2560	6.0				06-67		4*	7*	130*	PRODUCED (B	*ESTIMATED
* 309	2770	9.2	17.0	50	35.0	09-53	12-61	2	2	40	PENN SD, PROD (B)	*INCLUDES 334
* 334	2845	10.0				01-61	01-62	1	1	20	PENN SD, PROD (B)	*INCLUDED WITH 309
329	2560	8.0			36.0	11-56		3	4	100	PENN SD, PROD (B)	
	2800	15.0						3	2	80		
	2880	6.0						4	3	140		
359	2500	15.0	16.0	130		01-66		5	9	130	PENN SD (B)	*ESTIMATED
1102	2530	18.0				12-57		2	5	90	PENN SD, PROD (B)	*ESTIMATED
1116	2520	15.0				05-69		1	5	80	PRODUCED (B)	*ESTIMATED
374	2600	12.0				12-70		2	4	80	PRODUCED (B)	*ESTIMATED
	2840	12.0						2	4	80		
* 310	2602	10.0				09-57	03-60	1	1	20	PRODUCED (B)	
* 339	2600	20.0	16.0	10	37.6	06-63	07-66	3	3	60	PRODUCED (B)	
1118	2510	10.0				01-66		*	4	40		*AFFECTED BY ADJ WF
328	2300	7.0	20.0		32.7	04-58		1	6	150	PRODUCED (B)	
	2600	7.0						1	6	150		
356	2440	20.0	20.0	70	36.5	01-66		12	14	430	PENN SAND (M)	
*1107	2860	5.0				11-62	06-69	3	5	60	LAKE, PROD (M)	
1100	2850	4.0			37.0	07-54		1	1	40	CYP.,T.S., PROD.(B)	*ESTIMATED
	2870	5.0						3	3	180		
*1103	2856	9.0				06-55	07-65	1	1	20	CYPRESS, PROD (B)	
	2863	6.0						3	3	100		
319	2600	12.0			36.5	07-67		2	9	320	CYPRESS SD (B)	
1117	2500	25.0				06-68		1*	3	60		*ADJ.TO ACTIVE WF *EST
352	2600	20.0	18.0	24	37.7	09-63		3	9	160	PENN SD, PROD (B)	
* 312	2580	15.0	15.4	17	38.0	09-55	10-64	1	2	50	PRODUCED (B)	
* 313	2600	12.0	19.0	60	38.0	07-53	09-66	2	5	120	PRODUCED (B)	
* 314	2650	10.0	19.0	20	36.0	08-56	12-59	1	1	80	PRODUCED (B)	
326	2590	10.0				01-68		2	7	100	PRODUCED(B)	*ESTIMATED
	2830	10.0						1	5	70		
	2930	5.0						1	1	20		
344	2610	15.0	17.5	50		11-64		2	1	40	PENN SD, PROD (B)	
348	2620	20.0	16.0	20		06-65		6	4	100	PENN SD, PROD (B)	
364	2585	12.0				01-69		10	12	160	PENN SD, PROD (B)	
	2830	6.0						1	1	40		
370	2600	10.0				07-71		2	3	40	PENN SD, PROD (B)	
375	2575	10.0			37.5	05-72		3	3	60	PENN SD, PROD (B)	
* 311	2600	15.1	17.3	48	37.0	07-54	01-69	15	9	250	CYP SD, PROD (B)	*INCL PRIM PROD SINCE 7-54
* 336	2580	15.0	17.0	50	36.0	12-62	06-70	10	12	220	PENN, PROD (B)	
355	2500	18.0	18.0	80		12-65		7	13	200	PENN SD, PROD (B)	*ESTIMATED
366	2510	8.0				07-69		1	1	60	PRODUCED (B)	
* 340	2600	12.0	18.7	40	37.0	08-62	12-68	10	5	140	PENN SD (B)	
321	2980	7.8			37.7	12-70		3	13	340	CYPRESS (B)	
* 333	3000	6.0	10.0	500	36.0	09-61	04-66	1	3	40	PRODUCED (B)	
371	2950	7.0			35.0	02-71		1	2	20	PURCHASED (B)	
* 343	2600	16.0	17.0	56	37.4	10-63	12-66	1	1	40	PENN SD, PROD (B)	*1964-1966 ESTIMATED
368	2620	15.0				06-69		1	6	70	PRODUCED(B)	*ESTIMATED
369	2500	15.0				06-69		2	4	60	PRODUCED B	*ESTIMATED
361	2570	11.0	17.0	31		01-66		2	3	240	PRODUCED (B)	*ESTIMATED
350	2990	10.0				12-65		1	3	30	SH SD, PROD (M)	
* 315	2620	15.0	16.4	16	36.0	07-57	06-65	1	1	80	PRODUCED (B)	
* 316	3000	5.0			36.0	01-57	12-59	2	1	80	TAR SPRINGS (B)	
* 325	2510	8.0			36.0	01-66	09-67	1	1	30	PRODUCED (B)	
1106	2800	10.0			38.5	06-61		6	9	550	GRAV, PROD (M)	
* 367	2620	12.0	17.2	75	36.0	09-70	12-72		6	120	PENN SD (B)	
1109	2520	7.0			38.0	01-65		12	11	385	SH SD, PROD (M)	
360	2475	30.0	16.3	67	37.0	07-66		29	28	1320	PENN SD (B)	
365	2450	10.0	16.0	113	37.0	01-69		1	2	80	PRODUCED (B)	
1115	2580	12.0	19.5	190	38.0	04-69		2	6	90	PRODUCED (B)	*ESTIMATED
SALEM C, JEFFERSON, MARION												
2612	1927	8.0			34.6	01-59		1	2	10	PRODUCED (B)	*ESTIMATED
2624	2100	15.0				01-67		1	2	30	PRODUCED (B)	*ESTIMATED
2633	2110	8.0				01-71		1	3	40	PRODUCED (B)	*ESTIMATED
2006	1950	19.0	16.7	130	3.0	01-48		4	30	2078	PENN SD, PROD (B)	
2010	2000	16.0	14.0	20	38.0	08-60		27	22	1090	PENN SD, PROD (B)	
2618	2102	7.0	12.0		39.2	06-63		4	11	260	PENN SD, PROD (B)	*ESTIMATED
*2604	2093	14.0	11.5	43	36.5	04-50	08-62	3	5	100	PRODUCED (B)	
2605	1770	28.0	17.9	150	37.0	10-50		31	56	8247	LAKE, PROD (M)	
2606	3400	19.0	16.8	300	36.5	10-50		57	72	5414	UPPER SD, PROD (B)	
2607	1950	20.0	15.8	700	37.0	04-51		82	67	7712	LAKE, PROD (M)	
2608	1825	26.0	16.3	28	37.0	10-50		120	82	4881	LAKE, PROD (M)	
2636	2175	25.0	10.5	35	37.5	01-71		14	12	840	PROD, FRESH (M)	
2637	4520	99.0	7.2	27	40.7	09-67		3	2	160	PROD, FRESH (M)	
SAMSVILLE N, EDWARDS												
*1010	2930	5.0				09-54	02-59	1	1	20	PRODUCED (B)	
SCHNELL, RICHLAND												
3439	2988	15.0			39.5	08-68		1	1	103	PRODUCED (B)	
SEMINARY, RICHLAND												
*3410	3000	8.0			36.0	02-54	04-57	2	4	140	CYPRESS (B)	
SESSER C, FRANKLIN												
1318	2600	18.0			40.0	07-64		8	18	320	PENN SD, PROD (B)	*ESTIMATED
	4375	20.0			40.0			1	2	60		
1325	2600	15.0	18.0	10	38.0	05-65		6	14	360	CYPRESS, PROD (B)	
1330	2570	10.0				10-69		1	5	60	CITY WATER (F)	
	2600	6.0						3	5	80		
*1306	2690	5.0			39.4	08-58	01-70	6	6	220	LAKE, PROD (M)	

Field, County	General information				Production and injection statistics (M bbls)					
Project no. * = ABD. + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
					Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
SHATTUC, CLINTON										
410	T. H. CONREY, JR	SHATTUC WF	CYPRESS BENOIST	27,28-2N-1W	60*+	810*	10.9*+	121*	60 +	305
SHAWNEETOWN N, GALLATIN										
*1416	SUN OIL CO.	L. MILLER	AUX VASES	7-9S-10E		357		48		163
SIGGINS, CLARK, CUMBERLAND										
* 216	ACME CASING	UNION GROUP	SIGGINS	18-10N-11E		23839		2721		21092
702	A H A OIL CO	SIGGINS	SIGGINS	13,14-10N-10E, 7,11,12-10N-11E	2870	97130	130.8	12786	3340	13035*
700	BELL BROTHERS	FLOOD 1	SIGGINS	13-10N-10E	37	825	4.1	263	22	883
707	SAM E. BOXELL	MEEDER	PENN	24-10N-10E	10*	45	1.0*	6	10*	45
* 701	COCHONOUR, CLARK	VEVAY PARK	SIGGINS	25-10N-10E		255		2		103
215	OMER M. DOLE	SIGGINS	SIGGINS	7-10N-14W 7-10N-11E	10*	50	1.0*	9	10*	50
SORENTO C, BOND										
7	JACK COLE	YOUNG & VONBERG U.	PENN	32-6N-4W	6*	134	0.2*	5	6*	26
* 5	JOE A. DULL	SOMENTO SOUTM	LINGLE	29-6N-4W		88		4		57*
STAUNTON W, MACOUPIN										
2400	J. WAITUKAITIS	DEMNE	PENN	16-7N-7W		16*		1*		2*
STEWAMDSON, SHELBY										
3800	W. L. BELDEN	CMAFFEE-MAMPER-WABASM	AUX VASES	27-10N-5E	227	1606	18.8*	321+	227	1605
3801	DONALD W. GESELL	MORT MORAN	AUX VASES SPAR MTN	27-10N-5E	120*	1640	4.7*	138	120*	1130
STORMS C, WHITE										
*4431	ATLAS DRILLING	HS & GP HANNA	TAR SPRIN	28-5S-10E		1000*		58		1000*
4204	C. E. BREMM	R-B U	WALTERSBURG	12,13-6S-9E	332	2609	30.9	418		48*
4241	JACK BROOKOVER	W. S. HANNA	PENN	28-5S-10E	26	354	1.9	23	26	289
4240	DARCO OIL CO.	POMEROY	AUX VASES	28-5S-10E	20*	398	0.9*	23	20*	123
4263	JIM HALEY	STORMS POOL UNIT	WALTERSBURG	2,11-15,22-24-6S-9E	2000*	124634	35.1*	2989	2000*	74756
*4271	MABEE PET. COMP.	STOMMS	WALTERSBUMG	22-6S-9E		90				
4248	PACIFIC OPEMATIONS	ALDRIDGE	WALTERSBURG AUX VASES	12-6S-9E	490*	5456	11.2*	289		
4380	DENNIS PAINE	TMAINOR	TAM SPRINGS	23-6S-9E	90*	590	12.5*	55	90*	590
*4296	BERNARD PODOLSKY	MCQUEEN	DEGONIA CLORE	32-5S-10E		1873		210		721
4415	SO. TRIANGLE CO.	STOMMS UNIT (WILSON)	WALTERSBURG	22-6S-9E	700*	3189	58.9*	414	300	884
4234	SUN OIL CO.	S STORMS EXTENSION	WALTERSBUMG	12,13-6S-9E	845	7591	42.3	516	729	4436
4399	SUN OIL CO.	N STOMMS EXT COOP	WALTERSBURG TAR SPRINGS AUX VASES	1,12-6S-9E;6-6S-10E	1358	12730	50.3	815	1121	10562
*4295	TAMARACK PET.	HANNA	CLORE	32-5S-10E		1754		322*		815*
*4327	TAMARACK PET.	CALVERT	CLORE	32-5S-10E		402		2		19
4366	TAMARACK PET.	HANNA "A"	BIEHL	29-5S-10E	121	551	6.0	62	85	409
*4372	TAMARACK PET.	HANNA	BIEHL	32-5S-10E		424				
4285	TARTAN OIL CO.	FEMGUSON-RUDOLPH	PENN	22-5S-10E	20*	405	0.9*	12	20*	173
STRINGTOWN, RICHLAND										
*3411	N. C. DAVIES	STRINGTOWN	MCCLOSKY	31-5N-14W		257		19		289
*3412	MELHERICH, PAYNE	STMINGTOWN WF	MCCLOSKY	31-5N-14W		171		5		57
*3413	SKELLY OIL CO.	PETER VON ALMEN	MCCLOSKY	31-5N-14W		324		59		242
SUMPTER E, WHITE										
4381	DEE DMILLING	BOND-MENDERSON	OHARA	20,29-4S-10E	80*	980	6.2*	47	60*	485
4420	DEE DRILLING	W CMOSSVILLE S UNIT	OHARA	20,29,30-4S-10E	380*	1480*	19.4*	74*+	150*	270*
4408	EAGLE SUPPLY CO	CAMMI	AUX VASES SPAR MTN	12-5S-9E	6*	787	1.0*	291	6*	335
4231	T. W. GEORGE EST.	SUMPTEM E	AUX VASES SPAR MTN	29,31,32-4S-10E; 5,6- 5S-10E	210	3714	21.7	270	135	933
4424	SLAGTEM PRODUCING	W CMOSSVILLE U	OMAMA	20,29-4S-10E	300*	2300*	21.5*	122*+	180*	980*
4425	SLAGTER PRODUCING	CHERMY SHOALS UNIT	CYPRESS	17,20,21-4S-10E	70*	745*	4.3*	37*+	70*	450*
SUMPTEM N, WHITE										
4221	SHAKESPEARE OIL	SUMPTER NORTH U	AUX VASES	20,29-4S-9E	155	1381	8.8	115	24	350
4423	WARRIOR OIL CO.	MORRILL	AUX VASES	21-4S-9E	110*	1310	5.9*	54	110*	1310
SUMPTER S, WHITE										
4430	FRMERS PETR COOP	SOUTH SUMPTER	TAM SPRINGS	34,35-4S-9E;2,3-5S-9E	84	89	25.2	27	5	8
*4345	SO. TRIANGLE CO.	SUMPTER SOUTH UNIT	AUX VASES	2,3-5S-9E		859		81		371
*4346	SO. TRIANGLE CO.	SUMPTER NORTH UNIT	AUX VASES	34,35-4S-9E		642		44		214
TAMAROA, PERMY										
3100	FRMERS PETR COOP	TAMAMOA	CYPRESS	14,23-4S-1W	130	2448	4.1	99	120	1696
TAMAROA S, PEMRY										
3101	CANTER DRILLING	BAGWELL	CYPRESS	28-4S-1W	10*	553	0.4*	35	10*	553
THACKERAY, HAMILTON										
1551	MARATHON OIL CO.	THACKEMAY 3-A	AUX VASES	10,11,15-5S-7E	467	11543	16.1	933	433	7111
1570	ROYALCO, INC.	W THACKERAY UNIT	AUX VASES	9,16-5S-7E	271	1085	38.5	831	175	515
THOMPSONVILLE E, FMANKLIN										
*1302	C. E. BREMM	E THOMPSONVILLE	AUX VASES	12-7S-4E;7-7S-5E		362		136		1417
THOMPSONVILLE N, FRANKLIN										
*1305	BAMBARA BMAGASSA	THOMPSONVILLE U	AUX VASES	10,15-7S-4E		1032*		125*		80*
1331	DUNCAN LSE+ROY	N THOMPSONVILLE U	AUX VASES	10-7S-4E	71	534	10.0	53		
*1304	FAIRFIELD SALV.	THOMPSONVILLE U	AUX VASES	3,9,10-7S-4E		1786		381		360
*1303	MUMBLE O AND R	N THOMPSONVILLE U	AUX VASES	3,9,10-7S-4E		2211		365		600
TONTI, MARION										
2634	GAMMA OIL CO.	TONTI FLOOD PROJ	MCCLOSKY	33-3N-2E	100*	1100	5.5*	126	100*	2292
2620	TEXACO, INC.	TONTI UNIT	MCCLOSKY	4-2N-2E	450	6358	47.5*	340*	1202*	12839*

IN ILLINOIS, 1973 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source SD = Sand, GRAV = Gravel, PROD = Produced, SH = Shallow; Type (F) = Fresh, (B) = Brine, (M) = Mixed	
SHATTUC, CLINTØN												
410	1285	6.0			34.6	07-59		3	8	110	TAR SPR, PRØD (B)	*ESTIMATED
	1436	9.0			35.0	01-64		2	2	40		
SHAWNEETØWN N, GALLATIN												
*1416	2750	15.0			37.0	11-59	09-66	2	1	30	PENN SD (B)	
SIGGINS, CLARK, CUMBERLAND												
* 216	404	31.0	18.0	51	36.0	12-46	01-72	92	84	459	GRAV, PRØD (M)	
702	400	32.0	17.5	56	36.4	06-42		454	471	2019	GRAV, PRØD (F,B*)	*SINCE 1970
700	320	18.9	18.9	73	35.9	04-50		9	15	80	SURFACE (M)	
707	520	30.0				09-68		1	4	90	WELL, PRØD (M)	*ESTIMATED
* 701	600	16.0	20.3	349	30.1	12-50	12-56	2	4	14	LAKE, PRØD (M)	
215	450	36.0	21.5	40	33.8	04-52		30	27	135	PRØDUCED (B)	*ESTIMATED
SØRENTØ C, BØND												
7	592	14.0	17.6	175	33.0	11-69		4	2	70	PENN SAND (B)	*ESTIMATED
* 5	1850	4.5	12.2	50	38.0	10-62	10-64	1	3	50	PENN SD, PRØD (B)	*1964 DATA ESTIMATED
STAUNTØN W, MACOUPIN												
2400	490	10.0			32.0	05-60		2	7	40	PRØDUCED (B)	*NØ DATA SINCE 1962
STEWARDSØN, SHELBY												
3800	1750	20.0				09-59		1	17	160	PRØDUCED (B)	*EST +INCL PRIM PRØD
3801	1950	9.0				06-62		3	4	70	PRØDUCED (B)	*ESTIMATED
	2035	10.0						2	2	40		
STØRMS C, WHITE												
*4431	2350	15.0				06-58	12-71	2	8	100	PRØDUCED(B)	*ESTIMATED
4204	2250	20.0				03-66		5	5	100	PENN SD, PRØD (B)	*THRU 1967 ØNLY
4241	1319	9.0			28.0	04-63		1	1	20	TAR SPR, PRØD (B)	
4240	2750	12.0	16.5	54	36.0	06-66		4	2	80	SH SD, PRØD (M)	*ESTIMATED
4263	2240	10.0	19.0	250	34.0	03-56		73	41	1100	RIVER, PRØD (M)	*ESTIMATED
*4271	2240	15.0				07-51	06-53	1	2	40	PENN SD, PRØD (B)	
4248	2275	15.0	18.4	175		06-64		3	3	75	PURCHASED (M)	*ESTIMATED
	2990	16.0	17.1	47				3	3	60		
4380	2250	12.0				03-69		1	7	90	PRØDUCED (B)	*ESTIMATED
*4296	2550	6.0				06-60	01-66	5	5	100	SH SD, PRØD (M)	
	2580	12.0						6	7	150		
4415	2250	22.0	19.5	225	34.8	07-67		5	12	200	PENN SD, PRØD (M)	*ESTIMATED
4234	2250	19.0				07-66		9	11	280	RIVER GRAV, PRØD (M)	
4399	2290	20.0	20.0	200	38.0	06-64		14	15	300	PENN SD, PRØD (M)	
	2390	10.0	18.5	100				2	2	40		
	2980	15.0	18.0	30				13	14	280		
*4295	2100	10.0	18.0	150	34.8	08-60	01-71	3	3	120	PENN SD, PRØD (B)	*INCL 4372
*4327	2100	10.0	18.0	150		08-60	12-64	1	1	20	SH SD, PRØD (M)	
4366	1830	7.0	18.6	170		02-68		3	3	70	PRØDUCED (B)	
*4372	1826	14.0	20.1	289	34.8	12-62	09-71	3	3	40	SH SD, PRØD (M)	*INCL WITH 4295
4285	1480	27.0	20.0	200	34.0	12-68		3	1	40	SH SD (F)	*ESTIMATED
STRINGTØWN, RICHLAND												
*3411	3000	10.0	18.0			12-53	09-58	2	3	60	TAR SPRINGS (B)	
*3412	3026	7.0			38.0	10-54	12-57	2	2	70	CYPRESS, PRØD (B)	
*3413	3002	12.0			36.0	12-53	12-63	1	2	80	PENN SD, PRØD (B)	
SUMPTER E, WHITE												
4381	3140	18.0				02-66		3	7	200	PENN SD, PRØD (B)	*ESTIMATED
4420	3150	11.0				04-70		3	12	220	GRAVEL & PRØD(M)	*EST +INCL PRIM
4408	3090	15.0				07-65		3	3	50	RIVER GRAV, PRØD (M)	*ESTIMATED
	3165	8.0					12-66	1	1	20		
4231	3020	20.0	19.7	57	37.0	10-65		4	12	395	RIVER GRAV, PRØD (M)	
	3100	10.0	10.5	15	37.0			4	7	140		
4424	3170	10.0				06-67		3	8	140	PENN SD, PRØD (B)	*EST +INCL PRIM PRØD
4425	2830	25.0				04-67		2	10	150	SH SD, PRØD (M)	*EST +INCL PRIM
SUMPTER N, WHITE												
4221	3170	10.3				06-66		5	7	180	SH SD, PRØD (M)	
4423	3175	20.0				11-58		1	2	40	PRØDUCED (B)	*ESTIMATED
SUMPTER S, WHITE												
4430	2550	6.5	15.4	55	34.7	11-72		3	4	80	ØNE WATER SUP WELL(F)	
*4345	3240	10.7	19.0	55	36.2	09-63	07-70	5	4	100	SH SD, PRØD (M)	
*4346	3240	11.7	19.0	55	36.2	10-63	07-70	4	3	70	PENN SD (F)	
TAMARØA, PERRY												
3100	1140	10.0	24.3	349	31.5	12-61		3	4	180	PØND, PRØD (M)	
TAMARØA S, PERRY												
3101	1125	12.0			27.6	01-62		1	4	60	PRØDUCED (B)	*ESTIMATED
THACKERAY, HAMILTØN												
1551	3368	15.0	24.0	270		04-64		9	6	420	CYP, PRØD (B)	
1570	3350	16.0	20.3	174		12-69		3	6	120	CYPRESS (B)	
THØMPSØNVILLE E, FRANKLIN												
*1302	3200	18.0	21.1	98	38.0	07-54	01-71	3	3	60	PRØDUCED (B)	
THØMPSØNVILLE N, FRANKLIN												
*1305	3120	16.0	19.5	50	38.6	03-54	01-64	7	3	176	LAKE, PRØD (M)	*NO DATA 1962-1964
1331	3100	15.0				11-68		3	7	120	PENN SD, PRØD (B)	
*1304	3020	15.0	21.0	115	37.0	01-56	12-64	7	7	236	LAKE, PRØD (M)	
*1303	3075	25.0	22.0	170	37.5	10-55	04-62	5	5	100	CYP, PRØD (B)	
TØNTI, MARIØN												
2634	2152	10.0			36.0	02-67		1	4	50	PRØDUCED (B)	*ESTIMATED
2620	2125	18.0	14.1	196	36.0	02-64		6	3	140	PRØDUCED (B)	*INCL 2621

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
					Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
TONTI, MARION (CONTINUED)										
2621	TEXACO, INC.	TONTI UNIT	SPAR MTN	4-2N-2E	252	2544				
*2622	TEXACO, INC.	M, MCMACKIN	SPAR MTN	34-3N-2E		109		1		109
2609	SAMUEL C, WILSON	BRANCH	BENOIST MCCLOSKY	4-2N-2E	252	2641	6,8	182*+	252	2472
TRUMBULL C, WHITE										
4362	ABSHER OIL CO	TRUMBULL	CYPRESS	24-5S-8E, 18-5S-9E	100*	3283	5,3*	266	60*	241
4297	AUTUMN OIL CO	R, SIMMONS	CYPRESS	25,26-5S-8E	20*	221	0,2*	26	20*	190
4301	AUTUMN OIL CO	SEVEN MILE FLATS	OHARA	23,24-5S-8E	75*	606	3,4*	40	75*	425
4367	COY OIL CO	TRUMBULL U	AUX VASES OHARA	13,14,23-5S-8E	600*	1732	121,9*	253	120*	192
4429	DEE DRILLING	460-SOUTH	AUX VASES MCCLOSKY	14-5S-8E	70	280	9,8	17	70	280
4336	FEAR AND DUNCAN	MOORE-NIBLING UNIT	MCCLOSKY	7-5S-9E	1*		0,9+	26	20+	317
TRUMBULL N, WHITE										
*4406	SHULMAN BROTHERS	STOCKE	AUX VASES MCCLOSKY	24-4S-8E		36		1		5
VALIER, FRANKLIN										
1324	WAYNE HAMMONDS	RHEN-REA	AUX VASES	8-6S-2E	35*	152	1,5*	47+	35*	152
WALPOLE, HAMILTON										
1532	HERMAN GRAHAM	WALPOLE WEST U	AUX VASES	28,33-6S-6E	100*	1931	6,7*	281	100*	1029
*1518	TEXACO, INC.	WALPOLE UNIT	AUX VASES	22,26,27,34,35-6S-6E		21248		2342		11723
*1546	TEXACO, INC.	WALPOLE EAST UNIT	AUX VASES	26,35-6S-6E		1225		170		588
1573	TEXACO, INC.	WALPOLE STE.GEN UNIT	SPAR MTN MCCLOSKY	26,27-6S-6E	221	221	13,3	133	45	45
*1517	UNIVERSAL OPRTNG	WALPOLE UNIT	AUX VASES	3-7S-6E		1486		79		977*
WAMAC, CLINTON, MARION, WASHINGTON										
*2610	MINERAL REC, INC	WAMAC WATERFLOOD	PETRO	19,30-1N-1E		4		7		11
*2611	DEWEY STINSON	WAMAC UNIT	PETRO	19,30-1N-1E		531		35		221
WAMAC W, CLINTON										
414	JET OIL CO.	WAMAC W, BENOIST U	BENOIST	22-1N-1W	348	4696	12,3	509*	268	3362
418	JET OIL CO.	WAMAC W CYPRESS U	CYPRESS	20,21-1N-1W	34	338	23,7	189	12	101
WEST FRANKFORT C, FRANKLIN										
*1307	CONYERS OIL WELL	HORN-DIMOND 'B'	OHARA MCCLOSKY	24,25-7S-2E		613		100		467
*1301	FARRAR OIL CO.	W FRANKFORT U	TAR SPRINGS	18,19-7S-3E		4792		561		3021
*1308	FARRAR OIL CO.	ORIENT U	TAR SPRINGS	12-7S-2E		476		29		444
1313	KILLION, MCCLEM.	TEW-SINKS	AUX VASES	19,20-7S-3E	174	1238	0,4	344	36	498
*1322	KILLION, MCCLEM.	BONER-MERRIMAN U	AUX VASES	31-7S-3E		287		60		49
1333	KILLION, MCCLEM.	SW FRANKFORT U	TAR SPRINGS	24,25-7S-2E; 19,30-7S-3E	80	528	25,9	55	54	127
1336	RK PET. CORP.	W FRANKFORT U	AUX VASES	1-7S-2E;6-7S-3E	76	143	11,7	21	38	52
*1315	TEXAS AMERICAN	POND CREEK	TAR SPRINGS	25-7S-2E		1031		151		336
WEST SEMINARY, CLAY										
* 346	SHULMAN BROTHERS	WEST SEMINARY UNIT	AUX VASES MCCLOSKY	5,6,8-2N-7E		4701		378		2636
WESTFIELD, CLARK, COLES										
* 231	W, M, ASHLEY	SHERWOOD STEAM FLOOD	CASEY	32-11N-14W		1*		1		6
* 200	FOREST OIL CO.	WESTFIELD POOL	ST LOUIS	17-11N-14W		3956		15		
* 222	FOREST OIL CO.	PARKER	CASEY GAS	30-11N-14W		663		34		
* 502	GEN. OPERATIONS	JOHNSON	CASEY GAS	7,18,19-11N-11E 18-11N-14W		205		13		75
224	SHAW LSE DEV	APEX	PENN	4-11N-14W		24		1		
WHITTINGTON, FRANKLIN										
1323	T. L. CLARK	U.S. STEEL	OHARA MCCLOSKY	33-5S-3E		145		19		145
1337	CONTINENTAL OIL	SE WHITTINGTON	CYPRESS OHARA MCCLOSKY	21,28,29,32,33-5S-3E	207	374	23,7	39	130	181
1329	T. W. GEORGE EST.	WILCOX	HARDINSBURG CYPRESS	20,29-5S-3E	2	167	1,9	20	1	77
1338	M & W OIL CO	STEEL-LAKE	CYPRESS	19-5S-3E	144*	229	16,1*	33	150*	280
1334	WILL I. LEWIS	WHITTINGTON	HARDINSBURG CYPRESS	20-5S-3E	234	405	23,1	45	27	72
WHITTINGTON W, FRANKLIN										
*1312	KEWANEE OIL CO.	PLAINS	RENAULT	1,2,11,12,14-5S-2E		3375		363		1137
WILBERTON, FAYETTE										
1246	W. L. BELDEN	ST PETER AREA	CARPER	11,12,13-5N-2E; 7,17,18,19-5N-3E	1682	10186	80.2*	693+		1167+
WILLIAMS C, JEFFERSON										
2019	WARRIOR OIL CO.	WILLIAMS SOUTH UNIT	AUX VASES	10,11-3S-2E	58	1737	3,0	516*	58	955
WOBURN C, BOND										
* 4	E. E. JENNEMAN	SPINDLER LSE	BENOIST	10-6N-2W		194		11*		194
3	TROOP DRILLING	BLANKENSHIP AREA	DEVONIAN	34-7N-2W		138		28		330
WOODLAWN, JEFFERSON										
2005	W, C, MCBRIDE	MOPPA	CYPRESS	2-3S-1E	242	1055	20,4	124	185	760
2024	MOBIL OIL CORP.	KAMINSKI ESTATE	BENOIST	2-3S-1E	159	768	16,9	278	161	921
*2023	TEXACO, INC.	WALKER 7	CYPRESS BENOIST	2-3S-1E		255		5		177

Field, County Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-73 Date first inj.	Date abd.	No. of wells Inj.	Prod.	Acres under inj.	Injection water Source SD = Sand, GRAV = Gravel, PROD = Produced, SH = Shallow; Type (F) = Fresh, (B) = Brine, (M) = Mixed	Remarks
TONTI, MARION (CONTINUED)												
2621	2108	8.0	17.3	169	36.0	02-64		3	3	140	PRODUCED (B)	*INCL WITH 2620
*2622	2108	8.0	17.3	169	36.0	03-64	12-65	1	2	30	PRODUCED (B)	
2609	1950	6.0			36.2	04-59		2	3	60	PRODUCED (B)	*EST,INCL PRIM PROD SINCE 4-59
	2122	7.0						1	2	40		
TRUMBULL C, WHITE												
4362	2848	12.0	16.0	40	35.0	11-62		6	4	180	SH SD (F)	*ESTIMATED
4297	2800	8.0				06-65		1	2	30	PRODUCED (B)	*ESTIMATED
4301	3180	8.0				01-66		2	7	20	PRODUCED (B)	*ESTIMATED
4367	3150	11.0	18.0		38.4	01-71		6	19	300	SAND (M)	*ESTIMATED
	3200	16.0						1	5	60	*	
4429	3120	15.0				10-69		*	3	50		*ESTIMATED;ADJ.TO A.V.WF
	3230	8.0						1	2	30		
4336	3283	5.0	12.8	136	37.0	11-61		1	1	40	TAR SPR, PROD (B)	*O.F.,UNKNOWN *ESTIMATED
TRUMBULL N, WHITE												
*4406	3320	10.0			36.0	09-65	09-66	1	1	80	CYPRESS (B)	
	3468	7.0						1	1	80		
VALIER, FRANKLIN												
1324	2670	8.0			39.2	11-64		1	1	70	PRODUCED (B)	*EST 1966-68 *INCL PRIM PROD
WALPOLE, HAMILTON												
1532	3200	15.0	22.1	190	39.0	07-62		4	4	160	PENN SD, PROD (B)	*ESTIMATED
*1518	3100	15.4	18.3	105	36.2	12-60	04-69	14	19	1640	PENN SD, PROD (B)	
*1546	3100	17.0	15.4	16	36.7	09-63	01-69	4	3	160	PENN SD, PROD (B)	
1573	3200	12.0	12.0		37.6	03-73		4	3	280	PROD SUPPLY B	
	3250	18.0	10.0					4	3			
*1517	3180	18.0	20.3	134	37.4	01-60	09-66	4	3	80	PENN SD, PROD (B)	*EST FOR 1964-1966
WAMAC, CLINTON, MARION, WASHINGTON												
*2610		18.0	21.3	220	35.0	05-54	10-65	6	15	120	CITY WATER (F)	
*2611	750	20.0	20.3	183	30.0	07-57	12-60	6	13	50	CITY WATER (F)	
WAMAC W, CLINTON												
414	1450	18.6				11-62		5	9	140	LAKE, PROD (M)	*INCL PRIM PROD SINCE 11-62 *EST
418	1290	8.8				10-65		3	6	90	PENN SD, PROD (B)	
WEST FRANKFORT C, FRANKLIN												
*1307	2760	10.0	15.0	205	38.0	07-59	12-72	1	2	60	PRODUCED (B)	*ESTIMATED
	2845	7.0						1	2	60		
*1301	2050	31.3	17.1	155	40.3	11-57	07-65	6	6	141	CYPRESS, PROD (B)	
*1308	2050	12.1			40.1	09-59	12-63	4	3	70	CYPRESS, PROD (B)	
1313	2730	12.0			38.0	09-62		2	1	120	LAKE, PROD (M)	
*1322	2750	12.0			38.0	08-65	12-73	2	2	70	PENN SD, PROD (B)	
1333	2050	40.0			38.0	02-71		3	23	60	LAKE & PROD (M)	
1336	2720	8.0				10-71		1	3	40	LAKE (F)	
*1315	2060	10.0	17.1		38.0	06-62	12-67	2	3	70	PRODUCED (B)	
WEST SEMINARY, CLAY												
* 346	2970	9.0	19.0		37.2	03-64	12-68	15	8	290	PENN SD, PROD (B)	
	3080	9.0						4	5	180		
WESTFIELD, CLARK, COLES												
* 231	250	20.0	20.0	250	25.0	02-64	04-64	2	1	10	CITY WATER (F)	*ONE TON OF STEAM, STEAM SOAK
* 200	290	15.0	19.0	17	34.0	01-66	03-70	20	9	30	GRAVEL BED (F)	
* 222	270	25.0	17.9	153	28.1	06-50	04-61	9	12	20	GRAVEL BED (F)	
* 502	320	35.0	21.5	86	29.0	06-51	12-62	30	14	60	LAKE, PROD (M)	
224	340	60.0			34.8	03-67		6	5	40	CARPER, WELL (M)	*NO DATA SINCE 1968
WHITTINGTON, FRANKLIN												
1323	2834	13.0	11.5	1	39.0	12-65		1	3	60	PRODUCED (B)	*DROPPED,NOW PART OF 1337
	2912	6.0						1	3	60		
1337	2500	8.0				10-71		1	5	60	LAKE, PROD (M)	
	2610	8.0						2	9	160		
	2900	5.0						2	9	160		
1329	2300	10.0				09-67	12-68	1	1	40	LAKE, PROD (M)	
	2530	10.0				07-64		3	3	50		
1338	2530	10.0				12-71		1	3	40	PRODUCED (B)	*ESTIMATED
1334	2300	10.0				08-71		3	6	90	PRODUCED (B)	
	2500	8.0						3	6	90		
WHITTINGTON W, FRANKLIN												
*1312	2675	10.0	13.0	13	38.0	02-61	05-67	6	9	400	PENN SD, PROD (B)	
WILBERTON, FAYETTE												
1246	3250	25.0				10-65		18	33	1000	BENOIST, PROD (B)	*EST *INCL PRIM PROD
WILLIAMS C, JEFFERSON												
2019	2555	11.0	17.6	50	37.0	10-64		2	3	119	PENN SD, PROD (B)	*PARTIAL WF SINCE 1-53 DATA SINCE 10-64
WOBURN C, BOND												
* 4	1006	14.0				09-51	08-56	1	4	30	PRODUCED (B)	*TEMP ABD 1-72
3	2260	20.0			35.5	11-67		1	2	40	PRODUCED (B)	
WOODLAWN, JEFFERSON												
2005	1760	10.0				09-68		2	5	20	PRODUCED (B)	
2024	1950	17.0				01-65		1	3	40	PRODUCED (B)	
*2023	1790	10.0	14.0	225	35.9	03-64	12-65	1	2	40	PRODUCED (B)	*DISC AS WF, SWD ONLY
	1950	27.0						1	2	40		

Field, County Project no. * = ABD. + = P. M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73	Total 1973	Cum. 12-31-73
YORK, CLARK, CUMBERLAND										
* 706	C. KEYSER	CUMBERLAND UNIT	SIGGINS	1-9N-10E		37				3
* 703	TRANS-SOUTHERN	YORK	CASEY	6-9N-11E		604		20		290
ZEIGLER, FRANKLIN										
1320	V. R. GALLAGHER	PLUMFIELD U	AUX VASES	13,24,25-7S-1E; 18-7S-2E	237	3124	64.5	1816*	154	1127*
ZENITH E, WAYNE										
*4090	NAPCO	DURKEE	SPAR MTN	4-1N-6E		390		71		511
ZENITH N, WAYNE										
*4150	T. W. GEORGE EST.	ZENITH N MCGREW	SPAR MTN	21-2N-6E		112		9		130
*4137	MOBIL OIL CORP.	ZENITH N FIELD U	SPAR MTN	21-2N-6E		501		58		206
			SPAR MTN	21-2N-6E		501		58		206

IN ILLINOIS, 1973 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-73					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow Type (F) = Fresh (B) = Brine (M) = Mixed	
YORK, CLARK, CUMBERLAND												
* 706	556	11.0	17.8	80	33.8	06-61	12-63	1	2	30	PENN SD (B)	
* 703	590	10.0	21.9	231	30.3	10-50	12-58	3	7	15	PRODUCED (B)	
ZEIGLER, FRANKLIN												
1320	2650	15.0	21.5	75	38.9	02-65		6	16	380	PENN SD, PROD (B)	*SINCE POOL DISCOVERY 7-12-63
ZENITH E, WAYNE												
*4090	3180	8.0				02-67	12-72	2	10	20	PRODUCED (B)	
ZENITH N, WAYNE												
*4150	3100	15.0	14.0		38.0	08-68	12-70	2	5	90	PENN SD (B)	
*4137	3100	12.9	15.3		38.0	03-59	02-68	2	4	140	CYP, PROD (B)	
	3100	12.9	15.3		38.0	03-59	02-68	2	4	140	CYP, PROD (B)	

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********* G0500434 ***** 832 ************** VAN DYKE          *************** 9.26.56 AM * 19 JUL 74 ********** END
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TABLE 12 - ILLINOIS WATERFLOODS FOR 1973 BY COUNTIES

County	Number of active projects	Number of abandoned projects	Wells		Acres in waterflood projects*		Water injection (M bbl)		Oil production (M bbl)		Water production† (M bbl)	
			Water input	Producers	Subject to injection	Total productive	Total 1973**	Cumulative 12-31-73**	Total 1973**	Cumulative 12-31-73**	Total 1973**	Cumulative 12-31-73**
Bond	4	3	19	27	360	560	45	1,985	2.5	167	46	1,148
Christian	6	0	32	68	1,880	2,260	1,288	35,432	83.4	4,794	930	16,509
Clark	8	18	578	540	3,879	11,377	828	196,349	39.8	9,242	800	78,816
Clay	42	36	470	656	19,918	22,630	14,796	214,553	973.5	23,386	9,309	115,219
Clinton	17‡	4	303	368	7,204	7,470	9,777	160,675	288.9	16,333	6,713	135,108
Coles	12	12	189	252	5,525	5,855	2,805	65,198	102.7	5,352	2,645	30,025
Crawford	60	45	1,708	1,946	23,819	29,406	28,052	892,012	1,099.3	53,005	18,787	451,550
Cumberland	5	3	474	508	2,328	2,399	3,119	100,716	156.1	13,327	3,442	14,897
Douglas	0	3	31	34	1,200	1,310	99	12,532	2.0	1,631	26	1,977
Edgar	5	0	7	37	330	330	293	1,483	81.4	361	293	1,358
Edwards	28‡	13	123	226	6,843	7,457	5,014	97,194	405.2	12,333	3,739	53,803
Effingham	16	4	106	191	4,235	4,903	4,652	48,550	342.3	6,205	3,096	26,042
Fayette	45	8‡‡	1,609	1,813	39,554	40,309	58,558	1,225,946	3,072.2	176,678	48,648	767,049
Franklin	24	14	231	336	9,123	10,528	6,568	268,344	385.1	29,593	3,122	182,092
Gallatin	31	21‡‡	394	533	10,723	12,271	4,956	126,813	348.2	19,372	2,697	41,232
Hamilton	28	46	594	737	25,985	28,260	24,001	407,276	903.2	34,430	18,194	230,566
Jasper	12	15	151	294	10,507	11,160	5,935	68,420	386.0	6,068	3,516	31,679
Jefferson	16‡	12	123	203	10,685	11,088	6,718	144,566	470.6	23,871	4,771	113,608
Lawrence	100	26	2,075	2,230	28,683	31,333	43,160	792,215	3,163.4	90,374	35,885	526,513
Macon	0	1	1	2	80	80	0	6	0.0	0	0	4
Macoupin	1	0	2	7	40	40	0	16	0.0	1	0	2
Madison	7	3	42	71	1,722	2,544	1,507	12,323	66.9	910	1,146	7,223
Marion	28	12	512	576	32,687	41,207	87,540	1,646,175	2,801.2	116,838	80,164	1,088,645
Montgomery	0	1	2	2	20	40	0	38	0.0	6	0	15
Perry	2	0	4	8	240	320	140	3,001	4.5	134	130	2,249
Richland	21	24	200	352	14,200	14,430	10,182	218,405	394.2	14,620	8,576	167,780
Saline	16	9	97	160	3,400	4,520	4,812	67,585	229.3	6,873	2,903	23,776
Shelby	3	0	9	28	600	630	395	3,627	27.2	785	395	3,116
Wabash	92	56	818	1,028	19,698	22,595	13,955	312,395	995.3	37,940	7,971	128,744
Washington	16	2	66	141	2,644	2,888	4,891	53,511	350.8	8,399	4,413	48,014
Wayne	78	57	955	1,220	56,822	64,000	31,596	581,918	1,927.6	53,825	18,747	281,799
White	141	92	1,880	2,352	52,539	58,947	38,985	804,515	2,762.3	86,847	26,449	390,384
Williamson	2	0	7	19	290	290	393	2,210	40.6	405	45	67
TOTALS	866	540	13,812	16,965	397,763	453,437	415,060	8,565,984	21,905.7	854,105	317,598	4,961,001

*Acreage data are incomplete in a few counties.

**Projects not reporting in 1973 are included as of last reporting date.

†Not all projects reported produced water.

‡Includes 1 active pressure maintenance project.

‡‡Includes 1 abandoned pressure maintenance project.

TABLE 13 - ILLINOIS OIL FIELDS HAVING ACTIVE WATERFLOODS DURING 1973

Field	Number of active projects	Number of abandoned projects	Wells		Acres in waterflood projects*		Water injection (M bbl)		Oil production (M bbl)		Water production† (M bbl)	
			Water input	Producers	Subject to injection	Total productive	Total 1973**	Cumulative 12-31-73**	Total 1973**	Cumulative 12-31-73**	Total 1973**	Cumulative 12-31-73**
Aden C	3	2	41	37	3,380	4,860	2,118	46,541	47.8	3,175	1,818	30,563
Akin	4	1	11	29	510	510	176	3,105	13.2	473	69	572
Albion C	18	8	105	181	4,644	5,184	4,091	92,774	225.9	11,206	3,010	51,496
Albion East	1	0	6	18	420	420	300	300	50.0	50	300	300
Allendale	21	17	127	170	2,673	3,386	2,662	79,853	127.0	6,660	1,019	27,834
Assumption C	5	0	27	48	1,650	2,030	1,283	34,391	81.2	4,677	925	15,835
Barnhill	2	5	36	52	900	1,050	94	16,477	5.7	2,003	70	3,742
Bartelso	1	2	22	27	320	320	160	6,499	5.5	1,135	160	4,478
Beaucoup	1	0	3	2	280	367	60	1,098	1.9	11	43	577
Beaucoup S	2	0	11	8	257	334	563	7,615	16.3	412	446	6,466
Beaver Creek	2	1	3	9	100	130	29	313	2.9	48	30	196
Beaver Creek S	1	0	3	11	140	140	120	1,657	9.0	237	75	1,656
Bellair	2	1	106	130	717	747	355	93,321	14.7	2,566	330	40,322
Beman	1	1	7	10	390	460	20	901	1.5	49	20	608
Benton	2	0	82	55	3,390	3,390	3,598	223,802	56.0	20,991	1,607	163,323
Benton N	2	1	30	47	910	1,100	765	7,466	43.5	1,253	352	3,328
Berryville C	1	2	4	6	241	320	226	760	91.8	361	96	361
Bone Gap C	2	0	2	12	220	270	159	2,728	7.7	563	120	2,398
Boyd	2	0	7	18	2,133	2,133	500	45,227	12.2	4,275	400	45,479
Brown	1	0	1	3	40	40	50	406	2.0	31	50	359
Browns	5	0	20	17	1,163	1,212	231	4,842	33.4	610	193	1,170
Browns E	2	2	31	33	673	1,010	171	4,784	11.2	1,624	39	1,590
Bungay C	6	4	46	60	2,070	2,360	1,399	32,903	77.5	3,046	1,105	18,040
Calhoun S	1	0	1	3	20	200	50	177	7.4	120	50	177
Carlyle N	1	0	1	7	80	100	50	773	7.4	76	50	196
Carmi	1	0	1	2	60	60	22	204	5.4	65	18	111
Centerville	1	0	1	1	20	20	20	372	0.8	9	20	110
Centerville E	4	2	100	105	2,260	2,180	1,220	33,912	65.1	3,391	1,220	23,934
Central City	1	0	1	5	60	60	24	223	1.4	17	7	141
Centralia	6	1	229	229	4,704	4,824	8,055	126,874	161.1	11,715	5,138	113,098
Clay City C	91	49	1,069	1,489	61,968	66,265	40,506	610,026	2,273.8	52,741	25,284	344,615
Coil	2	0	9	8	345	710	697	4,390	135.9	862	408	1,514
Coil W	1	2	9	13	285	310	137	2,097	39.5	231	83	936
Concord C	2	11	56	68	1,563	1,800	132	23,390	11.8	2,330	114	12,262
Concord E C	1	0	3	3	70	120	20	310	3.0	10	20	117
Cordes	2	0	20	30	790	790	1,133	28,500	81.6	6,327	1,161	31,319
Dale C	18	36	482	634	20,685	22,380	21,573	335,994	716.3	26,550	16,405	190,009
Deering City	1	0	1	4	50	50	38	389	6.1	111	38	309
Divide C	5	1	22	39	2,680	2,730	2,637	24,674	112.1	1,636	1,759	16,338
Dubois C	3	1	10	30	380	500	255	1,773	19.6	225	235	1,159
Dudley	5	0	7	37	330	310	293	1,483	81.4	361	293	1,358
Edinburg W	1	0	5	20	230	230	5	1,041	2.2	117	5	674
Eldorado C	7	3	40	51	1,630	2,300	3,192	43,438	117.4	4,168	1,908	16,393
Energy	1	0	1	9	130	130	86	147	17.5	40	45	67
Exchange N C	1	0	4	9	280	400	315	1,459	52.7	411	151	479
Exchange W	1	0	2	10	120	120	93	619	4.0	106	11	212
Fairman	1	0	1	4	50	50	0	1,476	0.0	251	0	1,476
Frogtown N	1	0	3	8	140	140	0	0	12.2	37	0	0
Gard's Point	2	0	2	11	220	260	250	400	27.2	49	100	175
Germantown E	1	0	2	13	300	300	200	3,768	9.8	1,163	200	3,818
Goldengate C	4	12	128	115	4,199	5,130	733	31,882	61.8	2,714	462	11,006
Goldengate N C	1	0	4	6	100	130	150	460	19.3	56	90	190
Half Moon	2	0	13	19	1,070	1,520	691	11,187	33.2	839	438	4,319
Harco	2	0	8	16	230	260	579	2,366	32.8	196	290	747
Herald C	15	9	103	154	3,301	4,251	1,740	32,536	145.6	4,377	1,037	11,788

TABLE 13 - ILLINOIS OIL FIELDS HAVING ACTIVE WATERFLOODS DURING 1973 - Continued

Field	Number of active projects	Number of abandoned projects	Wells		Acres in waterflood projects*		Water injection (M bbl)		Oil production (M bbl)		Water production† (M bbl)	
			Water input	Producers	Subject to injection	Total productive	Total 1973**	Cumulative 12-31-73**	Total 1973**	Cumulstive 12-31-73**	Total 1973**	Cumulative 12-31-73**
Hord	1	0	2	3	50	70	11	170	0.4	30	11	112
Inman E C	5	5	201	225	4,330	4,465	362	60,347	29.3	9,632	440	16,713
Inman W C	13	4	105	126	2,359	2,775	1,457	19,141	127.7	2,323	872	5,787
Iola C	8	3	102	168	3,320	3,540	3,743	44,092	190.9	2,890	2,485	27,987
Irvington	3	0	9	35	490	530	555	3,811	50.9	458	559	3,256
Iuka	1	0	1	3	270	270	0	0	4.6	77	22	409
Johnson N	2	4	136	140	764	1,045	230	33,007	17.5	2,408	230	20,870
Johnson S	2	2	92	104	1,343	1,343	280	113,671	14.0	3,223	280	33,241
Johnsonville C	6	2	117	142	12,170	12,430	7,546	148,386	477.3	13,186	4,889	86,202
Johnsonville W	1	2	10	18	579	639	297	4,972	93.6	709	114	1,864
Johnston City E	1	0	6	10	160	160	307	2,063	23.1	365	0	0
Junction E	1	0	2	4	80	80	80	365	6.8	34	80	171
Junction N	1	1	6	9	150	210	114	2,727	3.4	328	6	14
Keensburg S	2	1	9	14	280	450	336	4,989	21.7	471	263	2,341
King	2	2	8	14	360	360	144	3,281	12.4	356	144	1,793
Lancaster	3	0	27	45	840	1,015	374	6,536	51.2	1,749	180	1,477
Lancaster E	1	0	1	2	30	160	60	192	3.0	14	15	21
Lancaster S	1	0	2	2	40	40	50	541	2.6	113	50	184
Lawrence	60	16	1,969	2,108	26,221	28,251	41,289	763,097	2,991.9	86,888	34,066	509,627
Lexington	1	0	2	1	50	280	330	1,697	6.0	18	80	85
Lillyville	1	0	3	4	40	80	176	1,742	18.0	241	69	532
Livingston S	3	0	8	22	310	310	275	1,293	29.0	151	155	556
Locust Grove	1	0	1	2	20	20	30	336	2.2	23	30	90
Louden	40	6	1,572	1,719	37,566	37,831	54,831	1,198,430	2,868.3	173,969	47,089	752,228
Main C	43	44	1,602	1,816	23,102	28,659	27,697	798,691	1,084.6	50,439	18,457	411,228
Maple Grove C	3	2	11	26	670	680	110	2,259	6.3	405	70	1,559
Marine	1	0	3	7	240	964	384	834	5.1	13	334	766
Martinsville	1	3	64	52	313	700	28	6,016	1.2	132	0	49
Mason N	1	0	3	4	130	130	60	2,177	3.6	158	60	2,213
Mattoon	11	6	134	189	4,485	4,565	2,680	54,336	98.2	4,644	2,520	23,892
Mattoon N	1	0	4	9	130	130	125	1,326	4.5	153	125	1,186
Maunie N C	4	4	57	71	1,440	2,470	815	15,118	26.4	2,587	590	7,002
Maunie South C	2	4	69	64	1,354	1,420	401	22,987	34.3	3,023	82	15,234
Miletus	1	0	1	1	20	20	50	141	2.3	7	50	136
Mill Shoals	10	4	57	68	2,262	2,613	1,980	29,920	158.7	2,405	1,240	13,978
Mode	1	0	3	5	330	350	48	381	3.7	326	48	381
Montrose	1	0	1	1	40	40	26	78	2.2	9	1	6
Mt. Carmel	21	14	146	218	4,565	4,862	2,594	43,758	253.8	5,094	1,635	21,310
New Harmony C	76	39	1,021	1,208	25,316	26,610	16,204	420,673	1,278.3	57,331	11,396	183,454
New Haven C	4	1	22	31	798	1,050	85	3,790	10.2	1,330	66	765
New Memphis	1	0	3	23	580	640	750	4,550	35.9	206	750	2,250
Oakdale N	1	0	4	7	290	290	65	973	11.3	315	120	851
Oak Point	1	1	22	18	300	340	280	3,819	6.1	194	280	3,506
Old Ripley	1	0	10	11	110	110	10	1,118	0.5	84	10	345
Olney C	1	7	31	42	2,148	2,328	84	17,284	8.0	1,536	84	10,682
Omaha	5	2	29	86	1,731	2,198	2,392	16,754	139.7	4,317	893	9,028
Omaha W	1	0	1	7	100	100	280	1,180	16.4	96	75	975
Orchardville	1	0	1	3	40	160	34	290	8.2	86	0	0
Orient	1	0	1	3	40	40	50	214	14.4	164	27	86
Oskaloosa	1	1	15	10	596	596	75	2,079	2.4	1,344	75	3,956
Passport	3	0	8	9	605	605	118	13,561	6.2	838	111	8,130
Patoka	3	2	80	88	1,713	1,713	750	87,885	32.1	8,930	750	62,322
Patoka E	2	1	19	22	340	540	995	7,756	54.8	639	670	5,575
Patoka S	2	0	35	42	780	900	607	11,989	49.7	1,241	607	6,281
Phillipstown C	23	14	174	301	5,254	6,611	3,305	40,388	381.0	6,945	2,126	21,859

TABLE 13 - ILLINOIS OIL FIELDS HAVING ACTIVE WATERFLOODS DURING 1973 - Continued

Field	Number of active projects	Number of abandoned projects	Wells		Acres in waterflood projects*		Water injection (M bbl)		Oil production (M bbl)		Water production† (M bbl)	
			Water input	Producers	Subject to injection	Total productive	Total 1973**	Cumulative 12-31-73**	Total 1973**	Cumulative 12-31-73**	Total 1973**	Cumulative 12-31-73**
Phillipstown S	1	0	2	3	60	60	20	550	0.3	144	20	139
Raccoon Lake	1	2	8	9	370	370	210	4,681	9.7	43	282	4,918
Raleigh	2	1	22	16	400	600	92	6,633	11.9	1,256	12	1,322
Raleigh S	2	1	7	8	230	410	420	4,406	26.7	361	369	2,296
Richview	4	0	11	32	407	347	2,325	10,563	175.4	932	1,939	4,995
Rochester	3	0	17	23	400	480	638	21,234	14.2	1,489	290	7,262
Roland C	19	10	381	496	11,500	12,730	11,966	149,906	741.8	16,195	8,068	66,370
Ruark	1	0	1	2	56	100	40	644	4.0	131	30	130
Ruark W	2	0	21	17	309	400	428	5,689	27.7	666	304	3,242
St. Francisville	1	2	5	7	140	150	0	908	0.0	29	0	318
St. Jacob	3	0	18	24	852	950	848	9,988	32.8	715	657	5,901
St. James	6	1	23	67	1,188	1,498	2,099	17,996	128.8	2,124	1,577	13,824
Ste. Marie	1	3	6	29	760	820	55	4,105	2.1	312	55	792
Sailor Springs C	30	18	201	288	7,825	9,485	9,262	98,749	536.1	14,309	6,207	52,392
Salem C	12	1	348	363	30,822	38,787	86,151	1,560,437	2,770.9	118,493	77,865	1,032,585
Schnell	1	0	1	1	103	103	77	681	1.3	35	77	393
Sesser C	3	1	25	50	1,100	1,380	681	9,349	73.1	1,728	404	3,852
Shattuc	1	0	5	10	150	150	60	810	10.9	121	60	305
Siggins	4	2	588	605	2,797	2,928	2,927	122,144	136.9	15,787	3,382	35,208
Sorento C	1	1	5	5	120	190	6	222	0.2	9	6	83
Staunton W	1	0	2	7	40	40	0	16	0.0	1	0	2
Stewardson	2	0	6	23	270	280	347	3,246	23.5	459	347	2,735
Storms C	11	6	160	149	3,305	3,750	6,002	164,050	250.9	6,208	4,391	94,825
Sumpter E	6	0	23	60	1,315	1,360	1,046	10,006	74.1	841	601	3,453
Sumpter N	2	0	6	9	220	418	265	2,691	14.7	169	134	1,660
Sumpter S	1	2	12	11	250	270	84	1,590	25.2	152	5	593
Tamaroa	1	0	3	4	180	260	130	2,448	4.1	99	120	1,696
Tamaroa S	1	0	1	4	60	60	10	553	0.4	35	10	553
Thackeray	2	0	12	12	540	540	738	12,628	54.6	1,764	608	7,626
Thompsonville N	1	3	22	22	632	756	71	5,563	10.0	924	0	1,040
Tonti	4	1	14	17	460	710	1,054	12,752	59.8	649	1,554	17,712
Trumbull C	6	0	19	43	710	860	866	6,122	141.5	628	365	1,645
Valier	1	0	1	1	70	70	35	152	1.5	47	35	152
Walpole	2	3	34	35	2,320	2,380	321	26,111	20.0	3,005	145	14,362
Wamac W	2	0	8	15	230	230	382	5,034	36.0	698	280	3,463
West Frankfort C	3	5	22	45	691	1,081	330	9,108	38.0	1,321	128	4,994
Westfield	1	4	67	41	160	6,850	0	4,849	0.0	64	0	81
Whittington	5	0	18	48	810	810	587	1,320	64.8	156	308	755
Wilberton	1	0	18	33	1,000	1,180	1,682	10,186	80.2	693	0	1,167
Williams C	1	0	2	3	119	172	58	1,737	3.0	516	58	955
Woburn C	1	1	2	6	70	170	0	332	0.0	39	0	524
Woodlawn	2	1	5	12	140	200	401	2,078	37.3	407	346	1,858
Zeigler	1	0	6	16	380	380	237	3,124	64.5	1,816	154	1,127

*Acreage data are incomplete in a few fields.
**Projects not reporting in 1973 are included as of last reporting date.
†Not all projects reported produced water.

TABLE 14 - SUMMARY OF WATERFLOOD STATISTICS, 1949-1973

Year	No. of active projects	Water injection (M bbl)		Reported waterflood oil production (M bbl)		Estimated dump flood production (M bbl)		Total oil prod. (M bbl)	Waterflood prod. % of total prod.**	No. wells in flood projects		Productive acreage		% of total acreage under flood	Cumulative waterflood oil recovery per acre subjected to injection	Cumulative injected water/ cumulative produced oil
		Annual	Cumulative*	Annual	Cumulative*	Annual	Cumulative*			Inj.	Prod.	Subjected to inj.	Total			
1949	33	20,612	50,983	2,511	10,313	1,500	5,000	64,501	6.2	946	1,055	8,450	375,985	2.2	1,230	4.9
1950	63	44,053	99,040	3,107	13,826	1,500	6,500	62,028	7.4	1,097	1,197	14,123	397,685	3.6	979	7.2
1951	84	57,147	148,279	6,672	21,890	1,500	8,000	60,244	13.4	1,620	5,230	17,646	412,050	4.3	1,241	6.8
1952	131	72,951	221,078	8,752	29,000	2,000	12,000	60,071	17.9	2,160	5,114	31,330	425,025	7.4	926	7.6
1953	167	118,409	335,727	10,086	39,800	2,250	14,600	59,025	20.9	2,849	5,298	37,854	434,100	8.7	1,051	8.4
1954	232	176,012	512,202	15,985	55,687	2,129	17,900	67,000	27.0	3,597	6,686	59,027	500,130	11.8	943	9.2
1955	284	224,579	745,573	24,585	81,131	1,978	19,800	81,131	32.7	4,407	7,163	72,832	521,200	14.0	1,114	9.2
1956	333	271,270	1,014,900	29,600	111,700	1,700	21,500	82,314	38.0	5,307	7,687	92,350	539,315	17.1	1,210	9.1
1957	382	295,750	1,310,000	35,442	147,142	1,750	23,250	76,649	48.5	5,734	7,814	112,000	550,305	20.4	1,316	8.9
1958	443	317,153	1,606,500	40,833	187,338	2,040	25,290	80,779	53.1	6,647	8,567	122,500	562,535	21.8	1,529	8.6
1959	499	345,098	1,954,200	41,360	238,512	2,436	27,720	76,727	57.1	7,327	9,306	136,976	574,625	23.8	1,741	8.1
1960	559	376,563	2,324,200	44,789	283,862	1,750	29,470	77,341	60.2	8,062	9,855	152,823	585,045	26.1	1,857	8.2
1961	658	390,093	2,753,361	50,412	334,716	1,270	30,740	77,478	66.7	8,560	10,521	171,825	602,665	28.5	1,948	8.2
1962	717	467,318	3,144,893	49,078	379,977	1,245	31,985	78,796	63.9	8,875	10,660	186,785	612,995	30.5	2,034	8.2
1963	779	438,191	3,631,514	50,092	471,345	902	32,887	74,796	66.9	9,048	11,690	194,900	621,735	31.4	2,616	7.7
1964	848	467,691	4,099,133	47,977	520,886	660	33,547	70,168	69.3	9,731	11,497†	240,163†	629,055	45.4	1,825†	8.7
1965	938	479,347	4,526,211	43,729	531,102	500	34,047	63,708	69.4	10,091	13,651†	292,928†‡	635,455	46.2	1,810†	8.5
1966	929	505,583	5,281,790	43,319	612,692	200	34,247	61,982	68.3	11,194	13,912†	307,200†	641,165	47.9	1,980†	8.6
1967	896	512,808	5,745,583	43,496	666,239	None	34,247	60,115	71.6	12,893	15,427	338,100	724,600‡	46.7	1,970	8.6
1968‡‡	880	518,581	6,184,083	41,260	668,907	None	34,247	56,391	73.4	13,107	15,572	347,499	729,400	47.7	1,920	9.2
1969‡‡	882	496,763	6,747,362	37,083	699,808	None	34,247	50,724	73.1	13,326	15,953	369,730	732,429	50.5	1,895	9.6
1970‡‡	855	457,527	7,010,480	30,880	733,045	None	34,247	43,747	70.6	13,498	16,004	372,588	751,855‡	49.6	1,967	9.6
1971‡‡	869	442,543	7,470,871	27,758	754,602	None	34,247	39,084	71.0	13,873	16,842	388,426	756,265	51.4	1,940	9.9
1972‡‡	873	441,963	7,926,055	25,381	793,442	None	34,247	34,874	72.8	13,610	16,657	389,365	760,555	51.2	2,038	10.0
1973‡‡	863	413,456	8,321,161	21,655	815,650	None	34,247	30,669	70.6	13,797	16,854	392,385	763,925	51.4	2,079	10.2

*Current volume plua previous cumulative does not equal current cumulative because of yearly revisions.

**Waterflood oil includes estimated dump flood production. All other figures exclude dump flood production.

†Includes abandoned acreage with waterfloods and pressure maintenance.

‡Revised.

‡‡Does not include pressure maintenance data.

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